

RECORDS OF WELLS, EXPLORATORY BOREHOLES, AND GROUND-WATER QUALITY,
ATLANTIC COUNTY AND VICINITY, NEW JERSEY

By Gary J. Barton, Donald A. Storck, and Gary N. Paulachok

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CONVERSION FACTORS AND ABBREVIATIONS

<u>Multiply</u>	<u>By</u>	<u>To obtain</u>
inch (in.)	25.40	millimeter
foot (ft)	0.3048	meter
mile (mi)	1.609	kilometer
square mile (mi ²)	2.590	square kilometer
gallon per minute (gal/min)	0.06308	liter per second
gallon per minute per foot [(gal/min)/ft]	0.2070	liter per second per meter

Temperature Conversion

Temperature in degrees Celsius ($^{\circ}\text{C}$) is converted to degrees Fahrenheit ($^{\circ}\text{F}$) by the equation: $^{\circ}\text{F} = (9/5) ^{\circ}\text{C} + 32$.

Sea level: In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929--a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929.

Conversion of Units of Concentration

Multiply the concentration of ionic chemical species in mg/L (milligrams per liter) or $\mu\text{g}/\text{L}$ (micrograms per liter) by the appropriate factor given below to obtain the concentration in meq/L (milliequivalents per liter).

Concentrations expressed in milliequivalents per liter are particularly useful when computing chemical mass balances.

[Modified from Hem, 1985, table 9]

Ionic Species	meq/L = mg/L x	Ionic Species	meq/L = mg/L x
$^1\text{Ag}^+$	0.00927	I^-	0.00788
$^1\text{Al}^{3+}$	0.11119	K^+	0.02558
$^1, ^2\text{As}$	0.01334	$^1\text{Li}^+$	0.14407
^1B	0.27750	Mg^{2+}	0.08229
$^1\text{Ba}^{2+}$	0.01456	$^1\text{Mn}^{2+}$	0.03640
$^1\text{Be}^{2+}$	0.22192	^2Mo	0.01042
Br^-	0.01252	Na^+	0.04350
$^1\text{Co}^{2+}$	0.0333	^2Ni	0.01704
Ca^{2+}	0.04909	NO_2^-	0.02174
Cl^-	0.02821	NO_3^-	0.01613
$^1\text{Cr}^{3+}$	0.05770	$^1\text{Pb}^{2+}$	0.00965
$^1\text{Cu}^{2+}$	0.03147	PO_4^{3-}	0.03159
F^-	0.05264	$^1, ^2\text{Sb}$	0.00821
$^1\text{Fe}^{2+}$	0.03581	SO_4^{2-}	0.02082
HCO_3^-	0.01639	^2Se	0.01266
		$^1\text{Zn}^{2+}$	0.03059

¹ Concentrations presented in this report are in micrograms per liter. Multiply value in micrograms per liter by factor and divide result by 1,000.

² Expressed in millimoles per liter.

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ABSTRACT

This report presents selected data on wells, exploratory boreholes, and ground-water quality in Atlantic County and parts of eastern Ocean and Cape May Counties, New Jersey. It is one of a series of reports based on the results of a study of ground-water supplies in Atlantic City and vicinity, funded by the New Jersey Water-Supply Bond of 1981. Construction details are presented for 807 wells and exploratory boreholes, and results of more than 3,500 chemical analyses of water samples collected from 313 wells from 1924-88 are given. During the current study, water samples from 166 wells were analyzed for common ions, phenols, selected trace elements, nutrients, and volatile organic compounds; water from six of these wells also was analyzed for pesticides. An index of geophysical logs, including caliper, gamma-gamma, fluid-conductivity, gamma-ray, 6-foot-lateral-resistivity, neutron, single-point-resistance, sonic, short- and long-normal-resistivity, spontaneous-potential, and fluid-temperature, made in 75 wells and exploratory boreholes also is included.

INTRODUCTION

Ground water is the principal source of drinking water in Atlantic County and vicinity, New Jersey (fig. 1). Ground water is an abundant resource throughout this area; however, large withdrawals, particularly in the coastal resort communities, have caused ground-water levels to decline (May, 1985, p. 8), and have increased the potential for water-supply shortages and contamination of freshwater aquifers by encroaching saltwater. In several localities, the disposal of liquid chemical wastes and sludges has caused a severe degradation of ground-water quality. The Statewide Water-Supply Master Plan (New Jersey Department of Environmental Protection, 1981) indicates that a steady increase in ground-water pumpage, as well as contamination of fresh ground-water supplies by saltwater and leachate from landfills, probably will accompany the redevelopment of Atlantic City that began in 1977 with the introduction of legalized gambling in Atlantic City.

Purpose and Scope

The purpose of this report is to provide a convenient reference for information on wells, exploratory boreholes, and ground-water quality in Atlantic County and vicinity, New Jersey. The report presents construction details for 807 wells and exploratory boreholes, and lists the results of more than 3,500 chemical analyses of water samples collected from 313 wells during 1924-88. Water samples were analyzed for one or more of the following constituents: common ions, phenols, trace elements, nutrients, volatile organic compounds, and pesticides. An index of geophysical logs is included.

This report, prepared in cooperation with the New Jersey Department of Environmental Protection and Energy, is one of a series of reports based on the results of a comprehensive investigation of ground-water supplies in

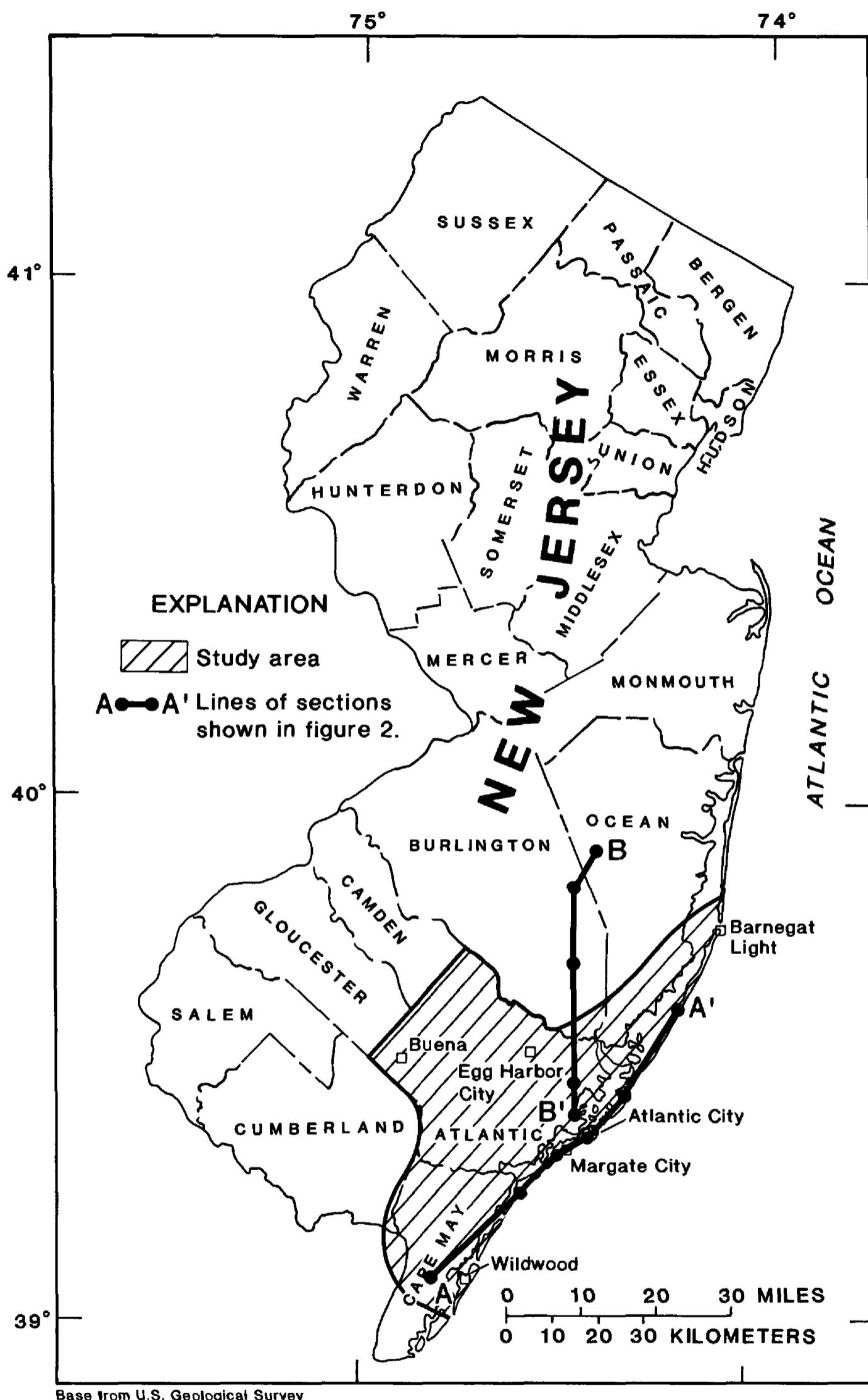


Figure 1.--Location of the study area.

Atlantic City and vicinity conducted during 1983-88 and funded by the New Jersey Water-Supply Bond of 1981. (Hereafter, this investigation is called the recent Atlantic City study.) Additional information on the objectives, approach, and planned products of this investigation is given in Leahy and others (1987).

Description of Study Area

Atlantic County, an area of about 565 mi² (square miles), is in the southeastern part of New Jersey (fig. 1). Atlantic County and vicinity, as used in this report, occupies about 1,200 mi² and includes all of Atlantic County and parts of adjoining Ocean, Burlington, Cumberland, and Cape May Counties (fig. 1). The study area is bounded on the east by the Atlantic Ocean.

According to the Federal Census of 1980 (U.S. Department of Commerce, 1982), the resident population of Atlantic County was 194,119, or about 350 persons per mi². Most of the population is concentrated in the eastern part of the county. Atlantic City, with 40,199 inhabitants, has the largest population of any urban area in the county. The population of Atlantic County is projected to reach 252,800 by the year 2000 (New Jersey Office of Demographic and Economic Analysis, 1983, p. 15). The population of the study area increases greatly during the summer because of the influx of tourists to the coastal resorts.

In 1981, wooded acreage accounted for about 61 percent of the total area of Atlantic County; wetlands, 14 percent; residential areas, 10 percent; and farmland, 9 percent. In order of decreasing percentage of the remaining 6 percent, the rest of the area was used for commercial, recreational, public, and industrial purposes (J. Brennan, Atlantic County Department of Regional Planning and Development, oral commun., 1986). About 70 percent of Atlantic County lies within the New Jersey Pinelands protected area (A. D'Arcy, New Jersey Pinelands Commission, oral commun., 1986).

Previous Investigations

This report presents hydrologic data collected as part of several investigations of the ground-water resources of Atlantic County and vicinity. Many of these data were collected and compiled for the comprehensive ground-water-supply investigation funded by the New Jersey Water-Supply Bond of 1981, whereas others were collected previously. Selected water-quality data from the earlier studies are presented for historical perspective and to provide information on changes in constituent concentrations through time. Previous studies include those by Thompson (1928), Barksdale and others (1936), Gill (1962), Clark and others (1968), Harriman and Voronin (1984), and Harriman and Sargent (1985).

Well-Numbering System

The well-numbering system used in this report is that used by the U.S. Geological Survey in New Jersey since 1978. The first part of the U.S. Geological Survey well number is a two-digit county code; the second part is a three-digit number indicating the sequence of the well within the county.

County codes used in this report include Atlantic (01), Cape May (09), and Ocean County (29). For example, well number 010137 represents the 137th well inventoried in Atlantic County.

The site-identification number is used to retrieve results of water-quality analyses from the U.S. Geological Survey's National Water Information System. This number has 15 digits and is based on the grid system of latitude and longitude. The first 6 digits denote the degrees, minutes, and seconds of latitude; the next 7 digits denote the degrees, minutes, and seconds of longitude; and the last 2 digits denote the sequence number, which is assigned to distinguish among sites located within a common one-second grid block of latitude and longitude.

Aquifer Codes

Aquifer codes appear in the records of selected wells and exploratory boreholes (table 3) and in the records of ground-water quality (tables 4-10). The aquifer codes have seven or eight characters and consist of two or three parts. The first part consists of three numeric characters that identify the era (Cenozoic in this report), system, or series of the geohydrologic unit (table 1). The second part, or next four characters, is an abbreviation for the name of the unit. The third part is a single character that denotes the lithology or stratigraphic position of the geohydrologic unit.

Acknowledgments

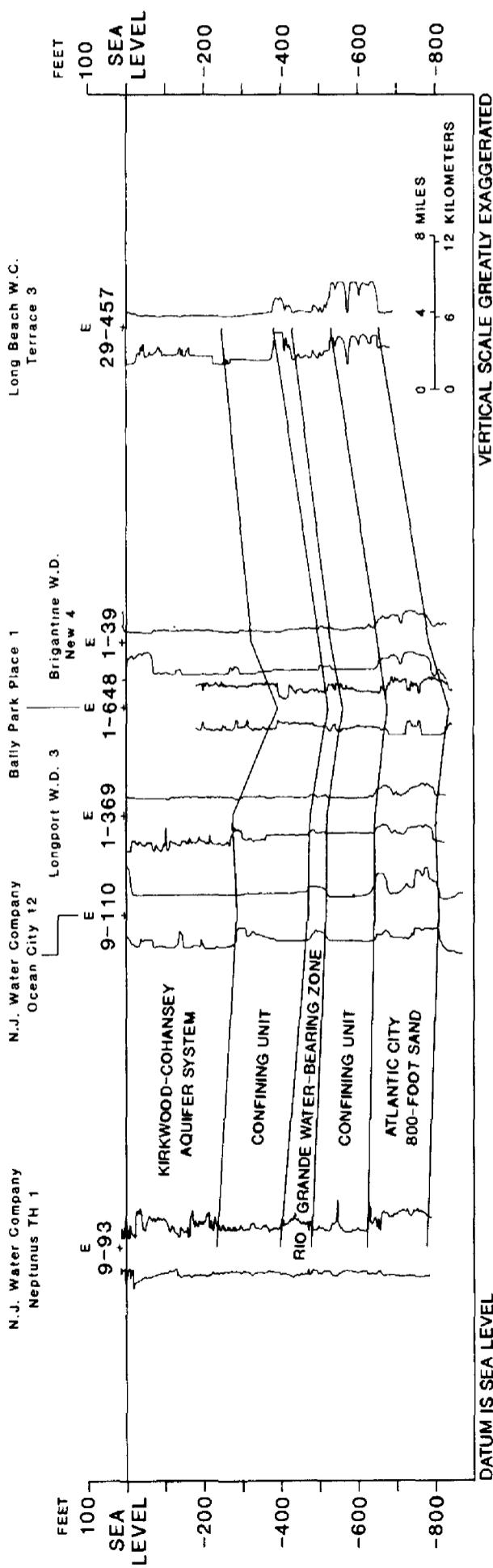
The authors gratefully acknowledge the assistance of Tracye McArdle of the Atlantic County Department of Health and Institutions, Division of Public Health.

HYDROGEOLOGIC FRAMEWORK

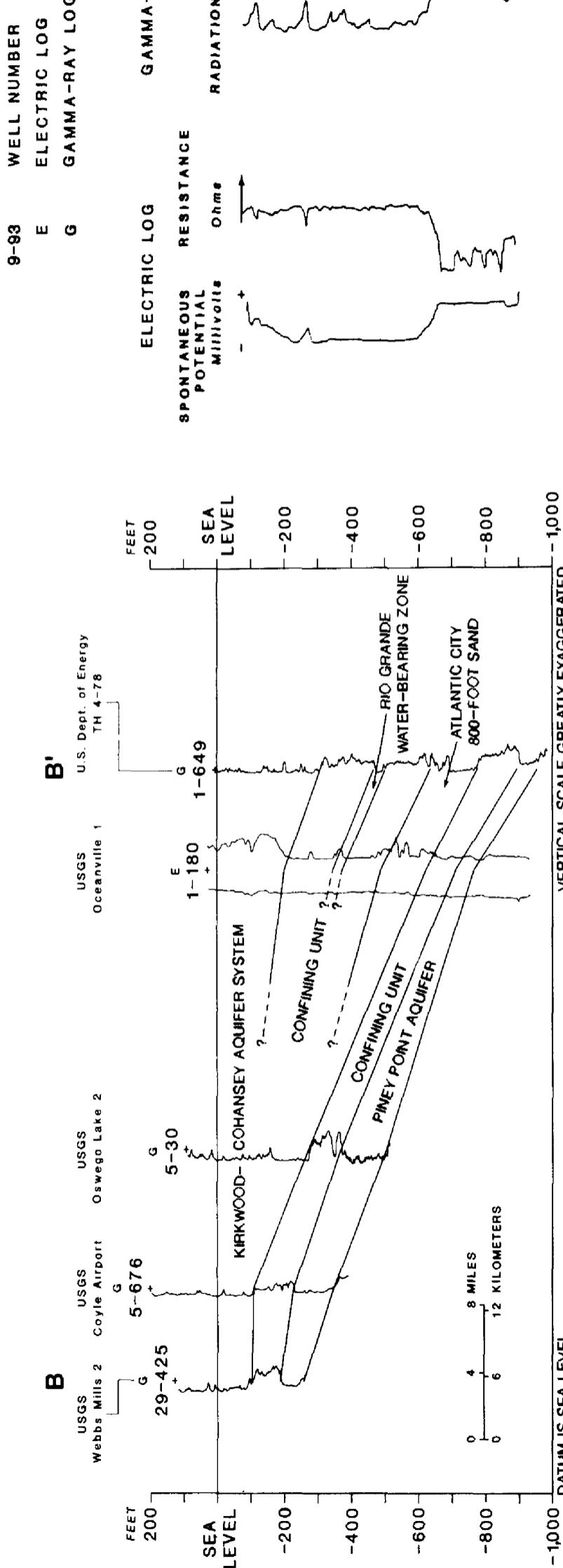
The study area is in the New Jersey Coastal Plain, which consists of unconsolidated deposits of gravel, sand, silt, and clay. The area is underlain by two principal freshwater aquifers--the surficial Kirkwood-Cohansey aquifer system, and the Atlantic City 800-foot sand of the Kirkwood Formation. The Rio Grande water-bearing zone of the Kirkwood Formation is found within the confining unit that separates the 800-foot sand from the Kirkwood-Cohansey aquifer system. Throughout most of the study area, however, the Rio Grande is an aquifer of minor importance. Near Atlantic City, aquifers deeper than the 800-foot sand, particularly the Piney Point aquifer, have not been developed for water supply because they contain brackish water. Near Barnegat Light and Buena (fig. 1), however, the Piney Point aquifer contains fresh water and has been developed locally for water supply. Little is known about the quality of water and hydraulic properties of deeper aquifers in the study area.

Hydrogeologic sections A-A' and B-B' (fig. 2) show the hydrogeologic framework of the study area. Table 1 describes the lithology and hydrologic characteristics of the Coastal Plain aquifers and confining units and shows the relation between geologic and hydrogeologic units. Barksdale and others (1936) and Zapecza (1989) described the hydrogeology of aquifers and confining units in the Atlantic City area.

A



EXPLANATION



5

Figure 2.--Hydrogeologic sections (a) A-A' and (b) B-B' through Atlantic County and vicinity, New Jersey. (Location of sections shown in fig. 1.)

Table 1.--Geologic and hydrogeologic units in the Coastal Plain of New Jersey
 [Modified from Zapecza, 1980, table 2]

SYSTEM	SERIES	GEOLOGIC UNIT	LITHOLOGY	HYDROGEOLOGIC UNIT	HYDROLOGIC CHARACTERISTICS		
Quaternary	Holocene	Alluvial deposits	Sand, silt, and black mud.	Undifferentiated	Surficial material, commonly hydraulically connected to underlying aquifers. Locally some units may act as confining units. Thicker sands are capable of yielding large quantities of water.		
		Beach sand and gravel	Sand, quartz, light-colored, medium- to coarse-grained, pebbly.				
	Pleistocene	Cape May Formation	Sand, quartz, light-colored, heterogeneous, clayey, pebbly.	Kirkwood-Cohansey aquifer system	A major aquifer system. Ground water occurs generally under water-table conditions. In Cape May County, the Cohansey Sand is under artesian conditions.		
	Miocene	Pensauken Formation					
		Bridgeton Formation					
		Beacon Hill Gravel	Gravel, quartz, light-colored, sandy.				
		Cohansey Sand	Sand, quartz, light-colored, medium- to coarse-grained, pebbly; local clay beds.				
		Kirkwood Formation	Sand, quartz, gray and tan, very fine to medium-grained, micaceous, and dark-colored diatomaceous clay.				
Tertiary	Oligocene	Piney Point Formation	Sand, quartz and glauconite, fine- to coarse-grained.	Confining unit	Thick diatomaceous clay bed occurs along coast and for a short distance inland. A thin water-bearing sand is present in the middle of this unit.		
		Shark River Formation					
		Manasquan Formation	Clay, silty and sandy, glauconitic, green, gray, and brown, contains fine-grained quartz sand.	Rio Grande water-bearing zone	A major aquifer along the coast.		
		Vincentown Formation	Sand, quartz, gray and green, fine- to coarse-grained, glauconitic, and brown clayey, very fossiliferous, glauconite and quartz calcarenite.				
		Hornertown Sand	Sand, clayey, glauconitic, dark-green, fine- to coarse-grained.		Poorly permeable sediments.		
	Eocene	Tinton Sand	Sand, quartz and glauconite, brown and gray, fine- to coarse-grained, clayey, micaceous.	Unit	Piney Point aquifer		
		Red Bank Sand					
		Navesink Formation	Sand, clayey, silty, glauconitic, green and black, medium- to coarse-grained.		Poorly permeable sediments.		
		Mount Laurel Sand	Sand, quartz, brown and gray, fine- to coarse-grained, slightly glauconitic.	Confining	Vincentown aquifer		
		Wenonah Formation	Sand, very fine- to fine-grained, gray and brown, silty, slightly glauconitic.				
Cretaceous	Upper Cretaceous	Marshalltown Formation	Clay, silty, dark-greenish-gray; contains glauconitic quartz sand.	Composite	Yields small to moderate quantities of water in and near its outcrop area.		
		Englishtown Formation	Sand, quartz, tan and gray, fine- to medium-grained; local clay beds.				
		Woodbury Clay	Clay, gray and black, and micaceous silt.	Wenonah-Mount Laurel aquifer	Yields small quantities of water in and near its outcrop area.		
		Merchantville Formation	Clay, glauconitic, micaceous, gray and black; locally very fine grained quartz and glauconitic sand are present.				
		Magothy Formation	Sand, quartz, light-gray, fine- to coarse-grained. Local beds of dark gray lignitic clay. Includes Old Bridge Sand Member.	Marshalltown-Wenonah confining unit	A major aquifer. Two sand units in Monmouth and Ocean Counties.		
		Raritan Formation	Sand, quartz, light-gray, fine- to coarse-grained, pebbly, arkosic; contains red, white, and variegated clay. Includes Farrington Sand Member.				
		Lower Cretaceous	Alternating clay, silt, sand, and gravel.				
		Potomac Group					
	Pre-Cretaceous	Bedrock	Precambrian and lower Paleozoic crystalline rocks, metamorphic schist, and gneiss; locally Triassic sandstone and shale and Jurassic diabase are present.	Bedrock confining unit	No wells obtain water from these consolidated rocks, except along Fall Line.		

Kirkwood-Cohansey Aquifer System

In the study area, the Cohansey Sand and the upper part of the Kirkwood Formation together form the highly permeable, unconfined Kirkwood-Cohansey aquifer system (table 1). Although these two geologic units are individual components of this composite aquifer system, they are not differentiated because of their similar geologic and hydrologic properties. The Kirkwood-Cohansey aquifer system thickens toward the southeast and is approximately 400 ft (feet) thick near Atlantic City (Zapecza, 1989). This aquifer system is the principal source of water supply in the parts of the study area that are on the mainland. On the barrier islands and along the coast, however, the system is susceptible to saltwater intrusion and commonly contains brackish or salty water, and consequently is not used as a source of water supply.

Rio Grande Water-Bearing Zone

The Rio Grande water-bearing zone of the Kirkwood Formation is found within the confining unit that lies above the Atlantic City 800-foot sand. In coastal parts of Atlantic and southern Ocean Counties, this zone generally is less than 40 ft thick (Zapecza, 1989). In the study area, except in parts of southern Cape May County, the Rio Grande water-bearing zone is an aquifer of minor importance.

Atlantic City 800-Foot Sand

The Atlantic City 800-foot sand of the Kirkwood Formation is a highly permeable confined aquifer that is found between an overlying thick, massive confining unit and an underlying relatively thin confining unit (fig 2). At Atlantic City, the overlying confining unit is about 300 ft thick, the 800-foot sand is more than 150 ft thick, and the underlying confining unit is approximately 125 ft thick (Zapecza, 1989). The overlying confining unit thins inland, and grades into the gravel and sand deposits of the Kirkwood-Cohansey aquifer system northwest of Egg Harbor City (fig. 1). This lithologic change is accompanied by a change from confined to unconfined ground-water-storage properties. The 800-foot sand is, with few exceptions, the only developed source of water supply for the barrier-island communities in the study area.

Piney Point Aquifer

In the extreme northern and western parts of the study area, the Piney Point aquifer has been developed locally for public water supply. At Barnegat Light and Buena (fig. 1), the principal sites of ground-water development, the aquifer is about 70 ft thick; at an observation well in Margate City (fig. 1), near Atlantic City, it is about 100 ft thick (S.D. McAuley, U.S. Geological Survey, oral commun., 1988). The Piney Point aquifer has not been developed for water supply in this area, however, because it contains brackish water.

METHODS OF COLLECTION, PRESERVATION, AND ANALYSIS OF GROUND-WATER SAMPLES

Prior to the recent Atlantic City study, water samples were collected from 168 wells in Atlantic County from 1924-83. Samples also were obtained from 19 wells in coastal parts of Ocean County and from 17 wells in coastal Cape May County. Of these wells, 107 are screened in the Kirkwood-Cohansey aquifer system, 2 are screened in the Rio Grande water-bearing zone, 94 are screened in the Atlantic City 800-foot sand, and 1 is screened in the Piney Point aquifer. Water samples from these wells were analyzed chiefly for specific conductance and chloride concentration.

During the recent Atlantic City study, water samples were collected from 166 wells. Samples were collected from 123 wells in Atlantic County, including 2 marine observation wells located 1.9 and 5.3 miles offshore from Atlantic City; from 20 wells in coastal parts of Ocean County; and from 23 wells in coastal Cape May County. Of these wells, 95 are screened in the Kirkwood-Cohansey aquifer system, 3 are screened in the Rio Grande water-bearing zone, 64 are screened in the Atlantic City 800-foot sand, and 4 are screened in the Piney Point aquifer. These wells are used chiefly for public-supply, irrigation, commercial, domestic-supply, and observation purposes. Plate 1, together with figures 3 and 4, shows the locations of the sampled wells.

Collection and Preservation

Chemical analyses presented in this report were done from 1924 through 1988. Methods used by the U.S. Geological Survey to collect and preserve ground-water samples have changed significantly during this period. In their review of reference material dating back to 1905 on techniques of water-sample collection and preservation, Fusillo and others (1984) point out that methods used prior to 1950 are poorly documented.

Standardized field techniques were implemented during the recent Atlantic City study to ensure collection of representative water samples (Brown and others, 1970; Wood, 1976). Samples were collected as near as possible to the wellhead to minimize contact with pumping systems and plumbing. Although about 10 percent of samples from domestic wells passed through a pressure tank, samples were not collected if the water was either filtered or softened. To further ensure that samples were representative, the temperature, specific conductance, pH, and dissolved-oxygen concentration of the well discharge were monitored. When these measures stabilized, the sample was assumed to be representative. Water samples were preserved according to standardized techniques currently used by the U.S. Geological Survey (Feltz and others, 1985).

Laboratory Analytical Methods and Quality Assurance of Data

According to Fusillo and others (1984), laboratory analytical methods used by the U.S. Geological Survey have changed more significantly since 1905 than have sample-collection and preservation methods. Fishman and Friedman (1989) and Wershaw and others (1987) discuss laboratory analytical methods currently used by the U.S. Geological Survey. Table 2 lists the

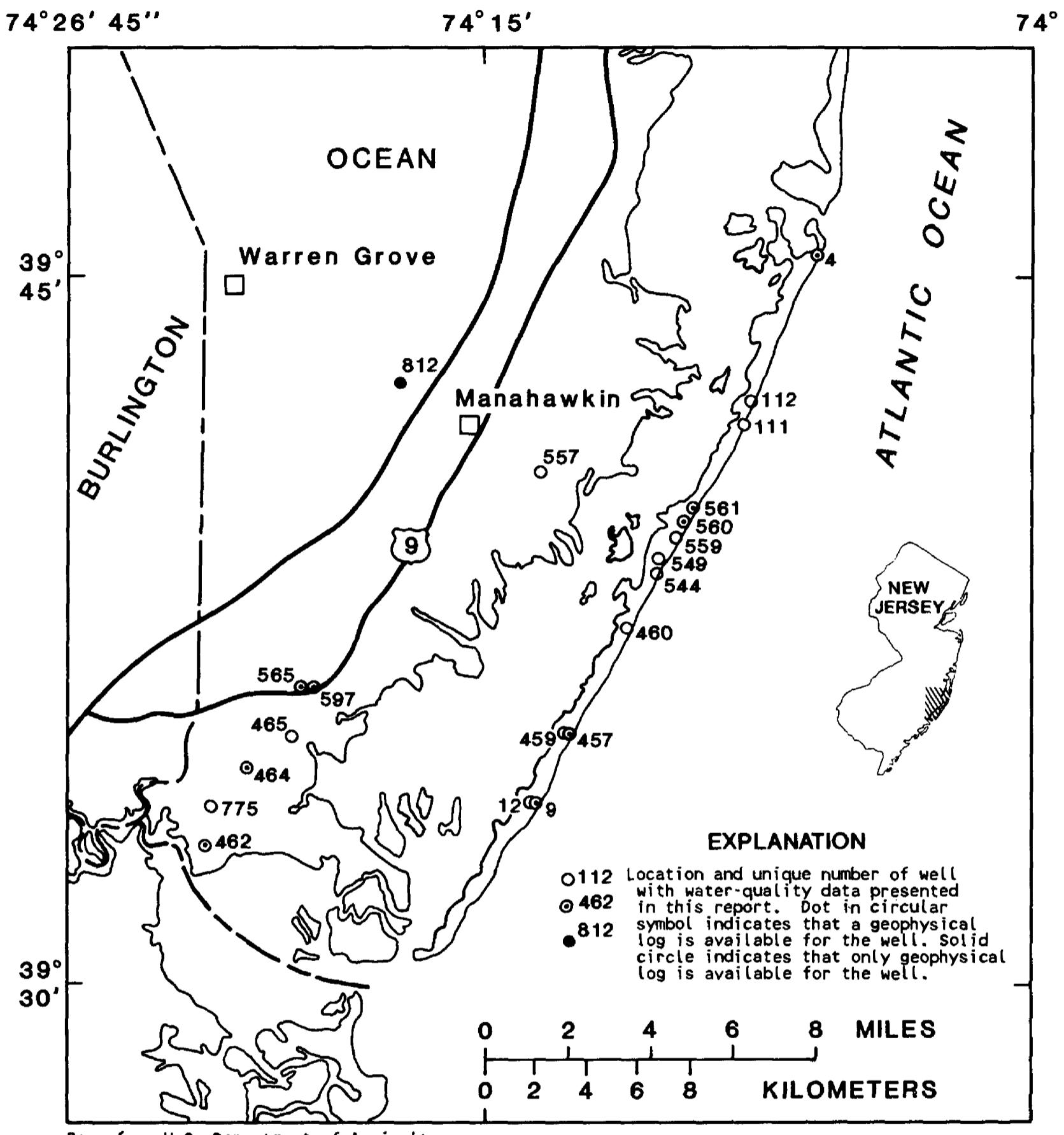
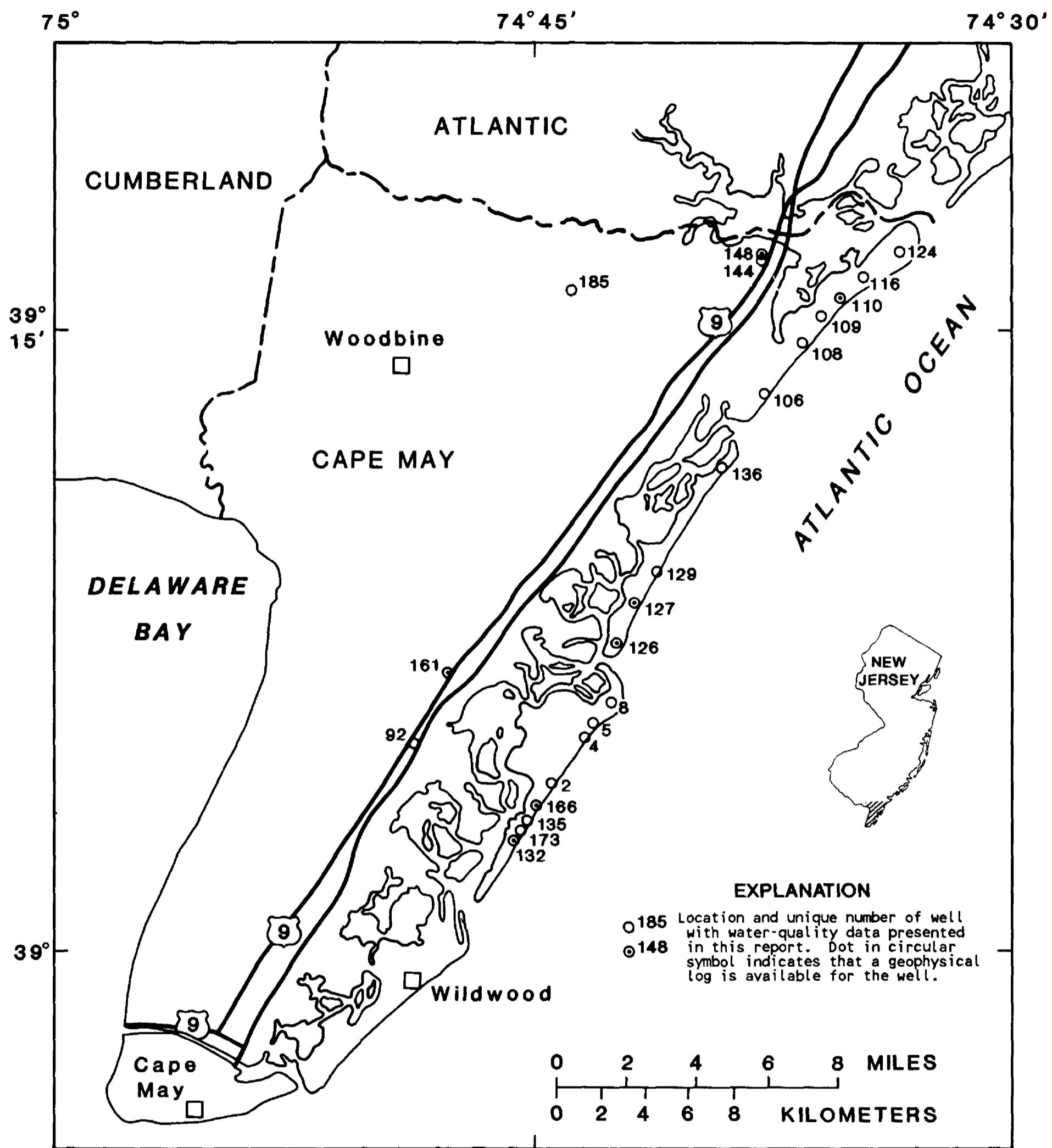


Figure 3.--Locations of data-collection sites in Ocean County, New Jersey.



Base from U.S. Department of Agriculture,
Soil Conservation Service, 1:250,000, 1980

Figure 4.--Locations of data-collection sites in Cape May County, New Jersey.

Table 2--Water-quality constituents and detection limits

[Detection limits from the U.S. Geological Survey National Water-Quality Laboratories; concentrations in milligrams per liter except where indicated otherwise; $\mu\text{g/L}$, micrograms per liter; $^{\circ}\text{C}$, degrees Celsius]

Physical properties	Detection limit	Physical properties	Detection limit
Alkalinity (field)	1	Specific conductance (field)	-- 1
Alkalinity (lab)	1	Specific conductance (lab)	-- 1
Dissolved oxygen (field)	.1	Temperature (field)	0.5 $^{\circ}\text{C}$
Hardness (as CaCO_3)	1		
pH (field)	.1 unit		
pH (lab)	.1 unit		
Major ions and phenols (dissolved)	Detection limit	Major ions and phenols (dissolved)	Detection limit
Calcium	0.02	Potassium	0.1
Chloride	.1	Silica	.1
Fluoride	.1	Sodium	.1
Iron	3 $\mu\text{g/L}$	Sulfate	.2
Magnesium	.1	Phenols	1.0 $\mu\text{g/L}$
Manganese	1.0 $\mu\text{g/L}$		
Trace elements (dissolved)	Detection limit	Trace elements (dissolved)	Detection limit
Aluminum	10 $\mu\text{g/L}$	Iodide	1 $\mu\text{g/L}$
Antimony	1 $\mu\text{g/L}$	Lead	1 $\mu\text{g/L}$
Arsenic	1 $\mu\text{g/L}$	Lithium	4 $\mu\text{g/L}$
Barium	2 $\mu\text{g/L}$	Mercury	.1 $\mu\text{g/L}$
Beryllium	.5 $\mu\text{g/L}$	Molybdenum	10 $\mu\text{g/L}$
Boron	10 $\mu\text{g/L}$	Nickel	1 $\mu\text{g/L}$
Bromide	10 $\mu\text{g/L}$	Selenium	1 $\mu\text{g/L}$
Cadmium	1 $\mu\text{g/L}$	Silver	1 $\mu\text{g/L}$
Chromium	1 $\mu\text{g/L}$	Zinc	3 $\mu\text{g/L}$
Chromium (hexavalent)	1 $\mu\text{g/L}$		
Cobalt	3 $\mu\text{g/L}$		
Copper	10 $\mu\text{g/L}$		
Nutrients (dissolved)	Detection limit	Nutrients (dissolved)	Detection limit
Nitrogen (N)	0.01	Nitrogen (NH_4^+ as N)	0.01
Nitrogen (NO_3^-)	.01	Nitrogen (NH_4^+ + organic N)	.1
Nitrogen ($\text{NO}_2^- + \text{NO}_3^-$)	.1	Nitrogen + organic N	.01
Nitrogen (NH_4^+)	.01	Orthophosphorous (P)	.01
Nitrogen (NO_2^-)	.01	Phosphorus (P)	.01

Table 2--Water-quality constituents and detection limits--Continued

Volatile organic compounds (total) ²	Detection limit		Volatile organic compounds (total) ²	Detection limit	
Benzene	3.0	µg/L	Toluene	3.0	µg/L
Bromoform	3.0	µg/L	trans - 1,2 - Dichloroethylene	3.0	µg/L
Carbon tetrachloride	3.0	µg/L	Trichloroethylene	3.0	µg/L
Chlorobenzene	3.0	µg/L	Trichlorofluoromethane	3.0	µg/L
Chlorodibromomethane	3.0	µg/L	Vinyl chloride	3.0	µg/L
Chloroethane	3.0	µg/L	1,1 - Dichloroethylene	3.0	µg/L
Chloroform	3.0	µg/L	1,1 - Dichloroethane	3.0	µg/L
Dichlorobromomethane	3.0	µg/L	1,1,1 - Trichloroethane	3.0	µg/L
Dichlorodifluoromethane	3.0	µg/L	1,1,2 - Trichloroethane	3.0	µg/L
Ethylbenzene	3.0	µg/L	1,1,2,2 - Tetrachloroethane	3.0	µg/L
Methylbromide	3.0	µg/L	1,2 - Dichloroethane	3.0	µg/L
Methylene chloride	3.0	µg/L	1,3 - Dichloropropylene	3.0	µg/L
Tetrachloroethylene	3.0	µg/L	2 - Chloroethylvinyl-ether	3.0	µg/L
Pesticides (total)	Detection limit		Pesticides (total)	Detection limit	
<u>Organochlorine insecticides</u>					
Aldrin	0.01	µg/L	Gross PCN's	0.1	µg/L
Chlordane	.1	µg/L	Heptachlor	.01	µg/L
DDD	.01	µg/L	Heptachlor epoxide	.01	µg/L
DDE	.01	µg/L	Lindane	.01	µg/L
DDT	.01	µg/L	Methoxychlor	.01	µg/L
Dieldrin	.01	µg/L	Mirex	.01	µg/L
Endosulfan	.01	µg/L	Perthane	.1	µg/L
Endrin	.01	µg/L	Toxaphene	1.0	µg/L
Gross PCB's	.1	µg/L			
<u>Organophosphorus insecticides</u>					
Diazinon	0.01	µg/L	Methyl trithion	0.01	µg/L
Ethion	.01	µg/L	Parathion	.01	µg/L
Malathion	.01	µg/L	Trithion	.01	µg/L
Methyl parathion	.01	µg/L			
<u>Triazine herbicides</u>					
Ametryne	0.1	µg/L	Prometryne	0.1	µg/L
Atrazine	.1	µg/L	Propazine	.1	µg/L
Cyanazine	.1	µg/L	Sinazine	.1	µg/L
Prometone	.1	µg/L	Sinetryn	.1	µg/L

¹ Detection limit is a function of dissolved-solids concentration.

² Samples from wells 010742 and 010752 were analyzed with detection limit of 0.2 µg/L.

physical properties and constituents determined during the recent Atlantic City study, and lists the detection limits of the analytical techniques used.

All water-quality data listed in this report were reported by U.S. Geological Survey laboratories and were subject to the quality-assurance procedures in effect at the time of the analysis. Friedman and Erdmann (1982) document the quality-control program currently used at these laboratories. Peart and Thomas (1984) give results of the quality-assurance program for water samples analyzed in the U.S. Geological Survey's laboratories at Doraville, Georgia, and Lakewood, Colorado, during the 1983 water year. Quality assurance performed by the U.S. Geological Survey in West Trenton, New Jersey, verified the reliability of the data collected during the recent Atlantic City study and earlier studies. These checks and the criteria for determining the quality of analyses, described by Friedman and Erdmann (1982), include the following:

1. The percent difference between major cations and anions (mass balance). An acceptable mass balance is a function of the ionic strength of the water. This study used a mass balance of 5.0 percent as a guideline.
2. The ratio of measured dissolved-solids concentration to specific conductance. This ratio ideally should be between 0.55 and 0.86.
3. The agreement between field-determined and laboratory-determined constituent values and characteristics.
4. The ratio of total milliequivalents of cations and total milliequivalents of anions to specific conductance. Both ratios ideally should be between 0.92 and 1.24.
5. The ratio of measured dissolved-solids concentration to the computed sum of constituent concentrations. This ratio ideally should be between 0.90 and 1.12.
6. Verification of data for samples analyzed before 1974 with the original analyses, whenever possible.

Water samples collected during the recent Atlantic City study were reanalyzed if the analysis did not meet these quality-assurance standards. Approximately two percent of the analyses were not included in this report because they were considered to be unreliable. Quality assurance of analyses from previous investigations was limited primarily to verifying analyses with the original analyses.

Ground-water-quality data presented in this report are subject to the consideration that some sample-collection, sample-preservation, and laboratory analytical methods have undergone significant changes during the period represented by the data. This limitation is particularly important when analyzing the data for time trends.

RECORDS OF WELLS, EXPLORATORY BOREHOLES, AND GROUND-WATER QUALITY

Wells and Exploratory Boreholes

Table 3 presents selected information on 807 wells and exploratory boreholes in Atlantic County and vicinity, including available data on construction, water level, well yield, and aquifer tapped. Plate 1 shows the locations of wells and exploratory boreholes in Atlantic County.

Figures 3 and 4 show the locations of wells and exploratory-borehole sites in Ocean and Cape May Counties, respectively.

Ground-Water Quality

Results of analyses of water from 313 wells in Atlantic County and vicinity are listed in tables 4-10. Included are physical properties, common ions, and phenols (table 4); selected trace elements and nutrients (table 5); additional trace elements and nutrients in water from marine observation wells (table 6); multiple analyses for specific conductance and chloride (table 7); and one-time analyses for specific conductance and chloride (table 8). Also included are analyses for volatile organic compounds found in concentrations greater than the detection limit (table 9) and a list of wells that have no detectable volatile organic compounds or pesticides (table 10).

Geophysical Logs

Table 11 lists the geophysical logs available for 75 wells and exploratory boreholes in the study area. These include caliper, gamma-gamma, fluid-conductivity, gamma-ray, 6-foot-lateral-resistivity, neutron, single-point-resistance, short- and long-normal-resistivity, sonic, spontaneous-potential, and fluid-temperature logs. The geophysical logs are available for public inspection at the U.S. Geological Survey office in West Trenton, New Jersey (address on the back-of-title page of this report).

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GLOSSARY

Aquifer is a geologic formation, group of formations, or part of a formation that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.

Confined aquifer is an aquifer containing water under sufficient pressure so that when penetrated by a well, the water level stands at some height above the top of the aquifer but not necessarily above the land surface. Synonomous with artesian aquifer.

Confining unit is a body of relatively impermeable material stratigraphically adjacent to one or more aquifers.

Depth of Well:

Depth drilled or total depth of hole is the total depth in feet below land-surface datum to which the hole was drilled, regardless of the finished depth of the well.

Depth of well is the maximum depth in feet below land-surface datum at which the well was originally finished.

Dissolved, as used in this report, refers to that material in a representative water sample that passes through a 0.45-micrometer membrane filter.

Geophysical logs:

Electric logs:

Short- and long-normal-resistivity logs are records of the apparent electrical resistivity of the earth material between the inhole current and potential electrodes, versus depth. Normal resistivity logs are used for geologic correlation, for differentiating clay beds from sand beds, and for estimating pore-water quality.

Single-point-resistance log is a record of the electrical resistance of the earth material lying between an inhole electrode and a surface electrode, versus depth. The single-point-resistance log is used for geologic correlation and for differentiating clay beds from sand beds.

Six-foot-lateral-resistivity log is a record of the apparent electrical resistivity of the earth material between the inhole potential electrodes, versus depth. The 6-foot lateral resistivity log is used chiefly for geologic correlation and for estimating pore-water quality.

GLOSSARY--Continued

Spontaneous-potential log is a record of the natural electrical potentials developed between the borehole fluid and the surrounding earth material, versus depth. The spontaneous-potential log is used chiefly for geologic correlation and for determination of bed thickness.

Nuclear logs:

Gamma-ray log is a record of the amount of natural gamma radiation that is emitted by the earth material surrounding a borehole, versus depth. The chief uses of natural gamma-ray logs are the identification of lithology and stratigraphic correlation.

Gamma-gamma log is a record of the amount of gamma radiation produced when the earth material surrounding a borehole is bombarded by gamma rays from a logging tool, versus depth. Gamma-gamma logs are used chiefly to identify lithology and to determine the bulk density and porosity of rocks.

Neutron log is a record of the amount of radiation (neutrons or gamma rays) produced when the earth material surrounding a borehole is bombarded by neutrons from a logging tool, versus depth. Neutron logs are used chiefly to measure moisture content in the unsaturated zone and porosity in the saturated zone.

Caliper log is a record of the diameter of a borehole versus depth. Caliper logs are used to determine the transverse dimensions of a borehole and to correct other logs for hole-diameter effects.

Fluid-conductivity log is a record of the electrical conductivity of the fluid in a borehole versus depth. Fluid-conductivity logs can provide information on the source, movement, and chemical quality of the borehole fluid.

Sonic log is a record of the time required for an acoustic wave to travel a unit distance through the earth material surrounding a borehole, versus depth. Sonic logs are used chiefly to determine seismic velocity and to estimate the porosity of rocks.

Temperature log is a record of the temperature of the environment immediately surrounding a sensor in a borehole, versus depth. Temperature logs can provide information on the source and movement of water, and on the thermal conductivity of earth material.

Land-surface datum is a datum plane that is approximately at the land surface at a site. Well and exploratory-borehole depths, screen settings, and water levels listed in table 4 were measured with reference to the land-surface datum.

GLOSSARY--Continued

Micrograms per liter ($\mu\text{g/L}$) is a unit used to express the concentration of chemical constituents in a solution as weight (micrograms) of solute per unit volume (liter) of water. One thousand micrograms per liter is equivalent to one milligram per liter.

Milligrams per liter (mg/L) is a unit used to express the concentration of chemical constituents in a solution as weight (milligrams) per unit volume (liter) of water.

Minimum detection limit, for a particular chemical constituent and analytical procedure, is that concentration below which the presence of the constituent cannot be verified. In this report the minimum detection limits are listed in table 2 and can be identified as those entries in the water-quality tables (tables 4-10) that are preceded by a "less than" (<) symbol.

Specific capacity of a well is the rate of discharge of water from the well divided by the drawdown of water level in the well. Specific capacity usually decreases slowly as the duration of pumping increases.

Specific conductance is a measure of the ability of water to conduct an electrical current expressed in microsiemens per centimeter at 25 °C. Because the specific conductance is related to the particular chemical types of ions in solution and their concentrations, it can be used to approximate the dissolved-solids concentration of the water. The dissolved-solids concentration in milligrams per liter is about 55 to 75 percent of the specific conductance in microsiemens per centimeter at 25 °C (Hem, 1985).

Volatile organic compounds are a group of synthetic organic substances that includes several chlorinated hydrocarbon solvents. These compounds are less than 2-percent soluble in water and have boiling points less than 150 °C.

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity

[USGS, U.S. Geological Survey; --, Data unavailable; WD, Water Department; WC, Water Company; MUA, Municipal Utilities Authority; WW, Water Works; BOE, Board of Education; INC, Incorporated; STP, Sewage Treatment Plant; NJ, New Jersey; AC, Atlantic City; CORP, Corporation; REHAB, Rehabilitation; HS, High School; DIST, District; CO, Company; S, South; SA, Sewage Authority; DRLG, Drilling; ENG, Engineering; ELEC, Electric; NJGS, New Jersey Geological Survey; DEPT, Department; CHEM, Chemical; REG, Regional; NY, New York; TWP, Township]

USGS well number	Site identification	Latitude (degrees)	Longitude (degrees)	Owner	Date of well construc- tion	Contractor	Depth drilled (feet)	Depth of well (feet)	Top of open interval (feet)
ATLANTIC COUNTY									
010001	3923480742934D1	39235D	0742938	BAYVIEW MOTEL	1953	MCGINNIS, E	230	230	218
010002	39240074293401	392400	0742936	RONCACE, R	1953	MCGINNIS, E	210	198	198
010003	392401074293201	392401	0742932	LEISURE BAY MOTEL	1950	--	--	222	--
010004	392450074294401	392450	0742944	MCCORKLE, T	1954	MCGINNIS, E	201	201	193
010005	392504074302201	392511	0743052	ATLANTIC CITY MUA	1930	LAYNE NY	240	210	180
010006	392504074302202	392502	0743027	ATLANTIC CITY MUA	1930	LAYNE NY	102	86	56
010007	392512074304601	392524	0743100	ATLANTIC CITY MUA	1930	LAYNE NY	220	195	160
010008	392524074310001	392504	0743026	ATLANTIC CITY MUA	1930	LAYNE NY	201	193	163
010011	392539074311201	392534	0743108	ATLANTIC CITY WD	1930	LAYNE NY	201	190	160
010013	392551074302301	392554	0743027	NJ/AMERICAN WC	1960	SCHULTES, AC	205	205	178
010014	392611074310501	392611	0743105	HEINLE, W	1954	WILLIAMS, J	51	51	45
010015	392058074271101	392058	0742711	PRESIDENT HOTEL	1955	SCHULTES, AC	831	831	779
010016	392100074271301	392058	0742706	GOLDEN SANDS	1956	ARTESIAN	135	130	109
010017	392100074271501	392102	0742656	SILVER SANDS MOTEL	1956	ARTESIAN	140	135	111
010019	392118074264501	392107	0742643	TROPICANA HOTEL	1919	--	--	850	--
010020	392122074260301	392122	0742602	BALLY PARK PLACE	1919	--	--	856	--
010021	392123074260001	392123	0742600	BALLY PARK PLACE	1922	--	--	823	765
010022	392124074254801	392124	0742547	TRAYMORE HOTEL	1899	--	--	830	--
010023	392125074255001	392124	0742547	TRAYMORE HOTEL	--	--	--	830	--
010024	392127074253201	392127	0742532	MAYFLOWER HOTEL	1899	--	--	835	--
010025	392128074255601	392128	0742557	CLARIDGE HOTEL	1930	--	--	850	773
010026	392133074252001	392131	0742522	RESORTS INTERNATIONAL	1896	WHITE, URIAH	--	840	790
010027	392135074251201	392135	0742512	LELAND THEATRE	1949	SCHULTES, AC	162	162	141
010028	392135074251202	392135	0742512	FRIEDBERY REALTY	1948	SCHULTES, AC	146	146	128
010029	392135074251801	392133	0742519	ABBAY HOTEL	1910	--	--	835	746
010030	392132074262201	392133	0742521	RESORTS INTERNATIONAL	1925	--	--	830	770
010031	392142074250001	392141	0742459	BREAKERS HOTEL	--	--	--	906	--
010032	392142074250002	392141	0742459	BREAKERS HOTEL	1916	--	--	840	800
010033	392142074261001	392137	0742614	BRADWAY, J	1927	LAYNE NY	845	835	775
010034	392142074261002	392137	0742614	BRADWAY, J	1961	--	--	113	--
010035	392142074261003	392137	0742614	BRADWAY, J	1925	--	--	840	--
010036	392145074261901	392147	0742619	BRADWAY, J	1948	TEMPLIN, C	180	176	103
010037	392153074250101	392151	0742459	ATLANTIC CITY MUA	1904	--	--	842	782
010038	392159074264001	392158	0742639	ATLANTIC CITY ELEC	1924	LAYNE NY	833	805	745
010039	392324074231401	392329	0742348	BRIGANTINE WD	1966	LAYNE NY	788	788	733
010040	392342074232801	392342	0742328	BRIGANTINE WD	1952	LAYNE NY	778	766	706
010041	392431074215301	392431	0742153	BRIGANTINE WD	1925	LAYNE NY	850	829	769
010042	392455074212001	392456	0742121	BRIGANTINE WD	1929	LAYNE NY	788	788	718
010043	392630074202601	392630	0742026	US COAST GUARD	1944	ARTESIAN	751	747	735
010044	393027074574401	393024	0745809	ANDALORO, CARLO	1964	--	--	97	--
010045	393033074563301	393033	0745633	CASTELLARI, ED	1967	SKINNER, VAN	171	156	36
010046	393045074571101	393045	0745711	FRANCESCHI, A	1953	SKYPALA, R	123	123	117
010047	393047074555501	393047	0745555	SASDELLI, GEORGE	1968	DELMARVA	60	53	13
010048	393102074565001	393102	0745650	ROMANO, L	1954	SKYPALA, R	53	53	45
010049	393105074554901	393110	0745555	LABO, J	1954	SKYPALA, R	131	131	125
010050	393107074574501	393108	0745745	ASSETTA, JAMES	1957	--	--	68	--
010051	393111074570101	393111	0745701	FRANCESCHI, A	1953	SKYPALA, R	58	54	48
010052	393116074573501	393107	0745745	ASSETTA, JAMES	1958	--	--	70	--
010053	393116074573502	393120	0745725	ASSETTA, JAMES	1964	--	--	70	--
010054	393121074543001	393122	0745528	BUENA BOROUGH MUA	1970	PARISI, TOM	180	180	130
010055	393121074570001	393120	0745725	ASSETTA, JAMES	1953	CARUSO, C	65	65	55
010056	393122074560701	393128	0745612	MENGELLUZZE, F	1953	HAUSER, GUS	90	86	80
010057	393138074572101	393137	0745708	MAZZONI, GILBERT	1969	SKINNER, VAN	150	150	50
010058	393150074571901	393150	0745719	PARIS, CARMEN	1966	SKINNER, VAN	150	144	100
010059	393156074551801	393154	0745517	BAYLIS, CHARLES	1961	--	--	131	--
010060	393158074561301	393158	0745613	QUARELLA, JOSEPH	1967	SKINNER, VAN	185	144	114
010061	393201074562301	393202	0745623	QUARELLA, JOSEPH	1950	--	--	150	--
010062	393201074562302	393202	0745623	QUARELLA, JOSEPH	1950	--	--	150	--
010063	393203074570401	393203	0745704	FERRUCCI, LOU CO	1965	DELMARVA	67	60	35
010064	393204074552101	393204	0745521	HENICK, S	1953	SKYPALA, R	118	118	112

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

Bottom of open interval (feet)	Type of openings ¹	Diameter of casing (inches)	Altitude of land surface (feet)	Water level (feet)	Date of water-level measurement	Discharge (gallons per minute)	Specific capacity (gallons per minute per foot)	Primary use of site ²	Primary use of water ³	Aquifer code ⁴	USGS well number
ATLANTIC COUNTY											
230	S	3	10		10-00-1953	30	6	Z	U	121CKKD	010001
210	S	3	5		01-09-1953	30	6	Z	U	121CKKD	010002
--	-	4	5	--	--	--	--	W	C	121CKKD	010003
201	S	3	25	5	00-00-1954	40	8	Z	U	121CKKD	010004
210	S	26	10	7	00-00-1930	811	14	W	P	121CKKD	010005
86	S	26	10	15	06-01-1930	1050	23	U	U	121CKKD	010006
195	S	--	10	12	10-01-1930	837	17	W	P	121CKKD	010007
193	S	--	5	7	02-01-1930	1440	24	Z	U	121CKKD	010008
190	S	26	5	9	03-01-1930	1320	24	W	P	121CKKD	010011
205	S	12	20	13.4	06-28-1960	710	23	W	P	121CKKD	010013
51	S	2	20	10	05-01-1954	10	1	Z	U	121CKKD	010014
831	S	12,8	10	61	04-01-1955	554	11	Z	U	122KRKDL	010015
130	R	8	10	10	04-27-1956	300	12	Z	U	121CKKD	010016
135	R	10	10	8	04-14-1956	400	18	Z	U	121CKKD	010017
--	-	--	10	--	--	--	--	Z	U	122KRKDL	010019
--	-	8	5	--	--	--	--	Z	U	122KRKDL	010020
823	S	14,8	5	--	--	--	--	Z	U	122KRKDL	010021
--	-	--	5	--	--	--	--	Z	U	122KRKDL	010022
--	-	8	5	--	--	--	--	Z	U	122KRKDL	010023
--	-	6	5	--	--	--	--	Z	U	122KRKDL	010024
845	S	10,8,6	10	--	--	400	--	U	U	122KRKDL	010025
840	S	--	10	--	--	--	--	Z	U	122KRKDL	010026
162	S	10	10	5	11-01-1949	660	19	Z	U	121CKKD	010027
146	S	10	10	8	11-01-1948	500	12	Z	U	121CKKD	010028
835	S	--	10	--	--	--	--	Z	U	122KRKDL	010029
830	S	16,8,6	10	--	--	--	--	U	U	122KRKDL	010030
--	-	--	10	--	--	--	--	Z	U	122KRKDL	010031
840	S	10,6	10	--	--	--	--	Z	U	122KRKDL	010032
835	S	16,12,8	10	78	03-24-1927	520	20	Z	U	122KRKDL	010033
--	-	12	10	--	--	500	--	Z	U	121CKKD	010034
--	-	--	10	--	--	230	--	Z	U	122KRKDL	010035
176	R	20,12	10	7	00-00-1948	1100	24	Z	U	121CKKD	010036
837	S	10,8,6,4	9.5	7	12-30-1904	250	6	Z	U	122KRKDL	010037
805	S	6	5	--	--	400	--	Z	U	122KRKDL	010038
788	S	18,12,8	10	75	09-13-1966	1020	10	W	P	122KRKDL	010039
765	S	18,12,8,6	10	76.6	06-14-1984	706	11	W	P	122KRKDL	010040
829	S	16,12,8,6	10	23	08-15-1925	700	12	W	P	122KRKDL	010041
778	S	12,8,6	10	21	05-29-1929	700	14	W	P	122KRKDL	010042
747	S	4.5	5	--	--	25	1	Z	U	122KRKDL	010043
--	-	4	100	--	--	250	--	W	I	121CKKD	010044
156	P	4	105	--	--	--	--	W	I	121CKKD	010045
123	S	2	105	15	00-00-1953	10	3	Z	U	121CKKD	010046
53	S	4	105	10	12-10-1968	60	10	Z	U	121CKKD	010047
53	S	3	125	16	00-00-1954	15	2	Z	U	121CKKD	010048
131	P	2	105	12	07-30-1954	30	10	W	H	121CKKD	010049
--	-	4	120	--	--	250	--	W	I	121CKKD	010050
54	S	4	120	--	--	--	--	Z	U	121CKKD	010051
--	-	4	120	--	--	175	--	W	I	121CKKD	010052
--	-	4	120	--	--	175	--	W	I	121CKKD	010053
180	S	6	100	11	03-06-1970	160	46	W	Z	121CKKD	010054
65	S	4	120	10	00-00-1953	75	--	W	I	121CKKD	010055
86	S	4	110	11	02-01-1953	56	7	W	H	121CKKD	010056
150	P	4	115	15	06-13-1969	--	--	W	I	121CKKD	010057
144	S	6	115	19	01-00-1966	64	32	W	I	121CKKD	010058
--	-	4	110	--	--	300	--	W	I	121CKKD	010059
144	S	8	120	20	05-21-1967	600	33	W	I	121CKKD	010060
--	-	5	115	--	--	600	--	W	I	121CKKD	010061
--	-	5	115	--	--	600	--	W	I	121CKKD	010062
60	S	3	125	20	06-22-1965	40	10	W	I	121CKKD	010063
118	S	2	105	15	07-01-1953	20	5	Z	U	121CKKD	010064

Footnotes at end of table.

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

USGS well number	Site identification	Latitude (degrees)	Longitude (degrees)	Owner	Date of well construc- tion	Contractor	Depth drilled (feet)	Depth of well (feet)	Top of open interval (feet)
ATLANTIC COUNTY--Continued									
D10065	393207074571901	393158	0745738	PARIS, DOMINIC	1965	--	--	150	--
010066	393207074572101	393207	0745721	NEUWIRTH, N	1954	HAUSER, GUS	44	40	34
010067	393229074562001	393229	0745620	QUARELLA, JOSEPH	1938	--	--	170	--
010068	393231074570601	393222	0745710	MONFARDINI BROTHERS	--	--	--	167	--
010069	393240074561901	393240	0745619	MONFARDINI, FELIX	--	--	--	172	--
010070	393241074564701	393138	0745708	MAZZONI, GILBERT	1953	CARUSO, C	54	54	44
010071	392628074512501	392628	0745125	SCHYDLOWSKY, A	1953	SKYPALA, R	55.6	55	50
010072	392708074520901	392656	0745157	BULLOCK, J M	1952	HAUSER, GUS	106	102	96
010073	392727074522601	392710	0745220	HENSEL, ERIC	1963	--	--	255	--
D10074	392731074533601	392732	0745342	LEVARI, NICK	1962	--	--	194	--
010075	392743074523001	392738	0745231	HENSEL, ERIC	1968	DELMARVA	165	160	100
010076	392756074520901	392708	0745202	RIAL, E	1952	HAUSER, GUS	61	61	51
010077	392802074545401	392803	0745431	BERTONAZZI BROTHERS	1958	--	--	195	--
010078	392820074530901	392907	0745358	LIVERANT, J	1953	SKYPALA, R	56	56	50
010079	392821074543301	392818	0745442	BADARACCO, W	1953	SKINNER, VAN	220	220	198
010081	392828074533901	392828	0745404	MARUFFI, FRANK	1965	--	--	100	--
010082	392829074541501	392829	0745415	CASOZZA, J JR	--	--	--	--	--
010083	392830074523901	392831	0745239	LEVARI, KENNETH	1971	DELMARVA	95	90	30
010084	392832074532701	392835	0745333	SNEATHEN, WM JR	1953	SKYPALA, R	58	58	53
010085	392836074523901	392837	0745239	KOLLMER, J	1971	SKINNER, VAN	138	138	95
010086	392840074532001	392840	0745320	LEVARI, ANDY	1971	DELMARVA	104	98	38
010087	392840074535401	392836	0745353	MOLINELLI, KARL	1965	DELMARVA	85	85	41
010088	392843074534301	392843	0745344	VILLA, JOHN	1965	--	--	120	--
010089	392843074544801	392843	0745448	BYLONE, C C	1953	SHEPARD, M	195	195	179
010090	392855074514701	392850	0745157	DALPONTE, LOUIS	1963	--	--	33	--
010091	392855074514702	392850	0745157	OALPONTE, LOUIS	1965	--	--	60	--
010092	392857074533901	392857	0745340	CASAZZA, L	1966	DELMARVA	--	90	30
010093	392909074544701	392908	0745454	LEVARI, ROBERT	1967	DELMARVA	80	76	16
010094	392911074563901	392914	0745609	BERTONAZZI, J	1971	D'AGOSTINO	--	120	100
010095	392912074544201	392913	0745434	BYLONE, ANGELO	1957	--	--	46	--
010096	392927074523501	392922	0745212	LIGUORI, J F	1953	SKYPALA, R	81	81	76
010097	392930074563601	392924	0745629	SIKKING BROTHERS	1965	--	--	75	--
010098	392930074563602	392924	0745629	SIKKING BROTHERS	1965	--	--	75	--
010099	392934074521201	392928	0745208	BOHREN, FREO	1954	SKYPALA, R	84	84	78
010100	392937074522901	392938	0745229	ROMANINI, J	1954	SKYPALA, R	60	60	54
010101	392938074560001	392938	0745600	SIKKING BROTHERS	1966	--	--	200	--
010102	392940074521901	392940	0745219	SIMROES, JOHN	1954	SKYPALA, R	91	91	85
010103	392941074565801	392953	0745621	COIA, HENRY	1953	CARUSO, C	54	54	44
010104	392943074522201	392936	0745214	LIGUORI, JERRY F	1953	SKYPALA, R	82	82	77
010105	392952074572401	392956	0745718	MUZZARELLI, C	1953	KQBELO, F	55	53	41
010106	392959074550501	393004	0745514	LEVARI, PETER JR	1971	DELMARVA	100	98	18
010107	393014074553701	393014	0745537	MANZONI, ERMAN	1953	HAUSER, GUS	180	179	139
010108	393017074564701	393013	0745647	TOFFENETTI, MAX	1959	SKINNER, VAN	--	98	--
010109	393020074534701	393004	0745336	GONZALES, RAYMOND	1954	HAUSER, GUS	47	47	42
010110	393021074574301	393021	0745744	GALBIATI, ARNOLD	1958	--	--	180	--
010111	393038074564801	393040	0745656	GIACOMELLI, GINO	1955	CARUSO, C	42	42	10
010112	393141074542801	393142	0745427	PUZZUTILLO, COSTELLO	1957	--	--	24	--
010113	393141074542802	393142	0745427	PUZZUTILLO, COSTELLO	1951	--	--	22	--
010114	393208074550401	393208	0745504	BUENA REG BO OF ED	1972	SCHULTES, AC	196	179	157
010115	393124074324001	393125	0743241	SAHL, JOSEPH	1967	LAYNE NY	--	100	--
010116	393211074382901	393212	0743829	EGG HARBOR WW	1942	ARTESIAN	401	401	342
010117	393212074383601	393213	0743832	EGG HARBOR WW	1964	SCHULTES, AC	507	432	350
010118	393214074382501	393215	0743826	EGG HARBOR WW	1955	ARTESIAN	410	406	366
010119	393319074392701	393319	0743927	WOLF, ALFRED	1957	MCGINNIS	--	130	--
010120	391849074345001	391849	0743449	O'BRYNE, M E	1950	HAUSER, GUS	637	631	610
010121	391852074321601	391852	0743208	SEAVIEW HARBOR WC	1958	LAYNE NY	830	783	740
010122	392010074384401	392008	0743836	STEPHENSON, THOMAS	1954	WILLIAMS, J	90	89	83
010123	392034074361201	392034	0743612	FRENCH, H	1953	WILLIAMS, J	70	69	63
010124	392040074363901	392044	0743641	GERCOWICZ, M & SONS	1966	DELMARVA	160	150	40
010125	392040074363902	392044	0743641	GERCOWICZ, M & SONS	1950	MCGINNIS	--	165	--

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

Bottom of open interval (feet)	Type of openings ¹	Diameter of casing (inches)	Altitude of land surface (feet)	Water level (feet)	Date of water-level measurement	Discharge (gallons per minute)	Specific capacity (gallons per minute per foot)	Primary use of site ²	Primary use of water ³	Aquifer code ⁴	USGS well number
ATLANTIC COUNTY--Continued											
--	-	6	115	--	--	500	--	W	I	121CKKD	010065
40	S	4	115	15	02-01-1954	35	4	Z	U	121CKKD	010066
--	-	5	130	--	--	400	--	W	I	121CKKD	010067
--	-	--	120	12.2	07-07-1972	--	--	W	I	121CKKD	010068
--	-	4	125	--	--	--	--	W	I	121CKKD	010069
54	S	4	110	7	10-01-1953	65	--	Z	U	121CKKD	010070
55	SS	2	100	11	03-01-1953	17	4	Z	U	121CKKD	010071
102	S	4	95	11	02-00-1952	100	11	W	H	121CKKD	010072
--	-	4	90	--	--	300	--	W	I	121CKKD	010073
--	-	--	80	3.68	11-19-1984	500	--	W	I	121CKKD	010074
160	S	4	95	9	04-23-1968	60	20	W	I	121CKKD	010075
61	S	4	95	9	00-00-1952	15	--	W	H	121CKKD	010076
--	-	6	105	--	--	500	--	W	I	121CKKD	010077
56	SS	2	95	4	01-00-1953	10	2	Z	U	121CKKD	010078
220	S	5	105	14	00-00-1953	100	12	Z	U	121CKKD	010079
--	-	4	105	--	--	400	--	Z	U	121CKKD	010081
--	-	--	100	--	--	--	--	Z	U	121CKKD	010082
90	S	4	90	6	05-10-1971	60	30	Z	U	121CKKD	010083
58	SS	2	95	10	02-01-1953	15	3	W	S	121CKKD	010084
138	S	6	90	8	03-30-1971	70	18	W	I	121CKKD	010085
98	S	4	95	6	05-11-1971	60	30	Z	U	121CKKD	010086
85	P	17	100	17	04-01-1965	1230	68	Z	I	121CKKD	010087
--	-	4	100	--	--	200	--	W	I	121CKKD	010088
195	S	5	100	14	04-01-1953	100	14	W	U	121CKKD	010089
--	-	4	80	--	--	200	--	W	I	121CKKD	010090
--	-	4	80	--	--	200	--	W	I	121CKKD	010091
90	S	4	95	12	04-30-1966	20	10	W	I	121CKKD	010092
76	SS	4	100	16	01-18-1967	60	30	W	I	121CKKD	010093
120	S	4	85	--	--	--	--	W	I	121CKKD	010094
--	-	5	105	--	--	210	--	W	I	121CKKD	010095
81	S	2	90	8	00-00-1953	6	6	W	S	121CKKD	010096
--	-	4	80	--	--	300	--	W	I	121CKKD	010097
--	-	4	80	--	--	300	--	W	I	121CKKD	010098
84	S	2	95	16	04-00-1954	15	4	W	H	121CKKD	010099
60	S	2	95	14	00-00-1954	20	5	Z	U	121CKKD	010100
--	-	6	90	--	--	300	--	W	I	121CKKD	010101
91	SS	2	105	19	02-01-1954	15	3	Z	H	121CKKD	010102
54	SS	4	100	11	00-00-1953	70	--	W	I	121CKKD	010103
82	SS	2	100	--	--	--	--	W	H	121CKKD	010104
53	S	4	100	10	02-01-1953	400	40	W	I	121CKKD	010105
98	S	4	100	6	05-11-1971	60	20	W	U	121CKKD	010106
179	S	4	100	10	00-00-1953	125	--	W	I	121CKKD	010107
--	-	4	110	--	--	130	--	W	I	121CKKD	010108
47	S	2	95	18	03-00-1954	11	--	W	S	121CKKD	010109
--	-	6	100	--	--	450	--	W	I	121CKKD	010110
42	P	4	110	11	04-01-1955	60	--	W	I	121CKKD	010111
--	-	2	95	--	--	110	--	Z	U	121CKKD	010112
--	-	2	95	--	--	70	--	Z	U	121CKKD	010113
177	R	12,8	110	21	02-07-1972	351	6	W	P	121CKKD	010114
--	-	10	45	--	--	1000	--	W	I	121CKKD	010115
394	S	8	40	15	03-18-1942	750	26	W	P	122KRKD	010116
432	SS	12	40	22	11-11-1964	770	22	W	P	122KRKD	010117
406	S	10	35	18	04-01-1955	415	7	Z	U	122KRKD	010118
--	-	4	75	--	--	200	--	W	I	121CKKD	010119
631	S	4	5	32	00-00-1950	104	--	W	U	122KRKD	010120
780	S	10,6	15	75	00-00-1958	300	14	W	P	122KRKD	010121
89	P	2	10	5	12-02-1954	20	10	W	H	121CKKD	010122
69	S	2	15	12	00-00-1953	5	--	Z	U	121CKKD	010123
150	S	4	15	13	02-24-1966	60	60	Z	U	121CKKD	010124
--	-	4	15	--	--	--	--	Z	U	121CKKD	010125

Footnotes at end of table.

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

USGS well number	Site identification	Latitude (degrees)	Longitude (degrees)	Owner	Date of well construction	Contractor	Depth drilled (feet)	Depth of well (feet)	Top of open interval (feet)
ATLANTIC COUNTY--Continued									
010126	392058074351001	392058	0743510	FISCHER, CHARLES	1957	--	--	52	--
010128	392102074400701	392102	0744007	LIPARI, S G	1952	SKYPALA, R	70	70	64
010129	392116074391801	392116	0743918	BUFFINGTON, E S	1952	SKYPALA, R	47	45	39
010130	392130074414201	392131	0744130	HOODE, NORMAN	1954	WILLIAMS, J	150	150	144
010131	392138074411801	392138	0744118	HEWES, W	1952	--	63	59	53
010132	392145074370301	392147	0743710	HAND, H	1952	SKYPALA, R	74	74	69
010133	392209074353201	392245	0743532	PAGANO, NANCY & TOM	1966	DELMARVA	160	150	50
010134	392231074350001	392248	0743544	TUBOLO, CARMAN	1950	HAUSER, GUS	137	135	105
010135	392239074345101	392244	0743456	NJ/AMERICAN WC	1971	LAUMAN CO	127	127	92
010136	392247074350001	392256	0743504	MADISON, J P	1954	WILLIAMS, J	70	70	64
010137	392248074354401	392248	0743544	TUBOLO, CARMAN	1964	DELMARVA	146	146	18
010138	392254074343201	392254	0743434	NJ/AMERICAN WC	1968	SCHULTES, AC	154	133	99.7
010139	392254074343202	392245	0743450	NJ/AMERICAN WC	1967	SCHULTES, AC	110	110	105
010140	392318074363901	392318	0743638	ARASI, JOHN	1961	--	--	122	--
010141	392332074365001	392332	0743650	GRASSO, PHILLIP	1966	--	--	150	--
010142	392333074325401	392333	0743254	GARLAND, S	1954	WILLIAMS, J	80	78	72
010143	392345074330101	392345	0743301	OWEN, T B	1953	WILLIAMS, J	49	47	41
010144	392348074325401	392350	0743252	FIRST FIDELITY BANK	1961	LAYNE NY	184	141	121
010145	392404074333101	392404	0743331	HEINLE, R	1952	HAUSER, GUS	78	74	64
010146	392412074391201	392421	0743916	BUCKLEY	1952	SKYPALA, R	50	50	44
010147	392414074364101	392414	0743641	FRAZIER, T	1962	ADKISSON, C	92	90	85
010148	392428074335701	392428	0743357	STROUS, J H	1953	WILLIAMS, J	84	80	74
010149	392430074390301	392418	0743913	MCCLAREN	1954	ADKISSON, C	120	120	115
010150	392440074332301	392428	0743328	NJ/AMERICAN WC	1972	LAUMAN CO	227	222	186
010151	392455074320701	392524	0743329	NJ/AMERICAN WC	1971	LAUMAN CO	233	208	172
010152	392504074341101	392504	0743411	FLAMINGO REALTY	1954	WILLIAMS, J	109	109	103
010153	392514074370201	392514	0743702	CYMMER, S	1953	WILLIAMS, J	40	38	32
010154	392522074381101	392515	0743824	SOUTH JERSEY GAS CO	1968	LAYNE NY	249	160	127
010155	392559074354501	392559	0743545	JOYCE, J	1963	HACKNEY, ROB	53	53	47
010156	392600074363601	392600	0743636	WAYSZ, C	1952	HAUSER, GUS	60	56	50
010157	392628074332001	392609	0743319	US DEPT TRANSPORTATION	1960	LAYNE NY	182	180	160
010158	392632074345501	392643	0743454	US DEPT TRANSPORTATION	1943	LAYNE NY	166	163	143
010159	392642074545901	392642	0743459	US NAVY	1942	LAYNE NY	165	165	--
010160	392647074345401	392727	0743527	NJ AIR NATIONAL GUARD	1964	RIDPATH	167	167	130
010161	392311074455201	392311	0744552	FERTH, M P	1963	KOBOLO, F	52	52	46
010162	392530074443901	392530	0744439	WEINSTOCK, L V	1953	KOBOLO, F	36	34	28
010163	393414074492701	393414	0744927	PEZZUTO, M	1952	PERNA, RD	55	53	48
010164	393455074514501	393452	0745140	KERR CONCRETE PIPE CO	1955	--	120	120	--
010165	393545074501701	393553	0745011	FOLSOM BD OF ED	1948	ROBBINS, HJ	111	111	100
010166	393559074500201	393548	0745048	INGEMI, H	1955	CARUSO, C	70	70	60
010167	393602074495301	393602	0744953	INGEMNI, ANTHONY	1957	--	97	97	--
010168	393701074510401	393700	0745110	C AND E CANNERS	1951	SKINNER, VAN	168	168	153
010169	393712074513301	393710	0745123	WHITMEYER BROTHERS	1953	PANCIERA, LE	104	104	96
010170	392642074295201	392640	0742955	IVEY, P	1952	WILLIAMS, J	52	52	47
010171	392651074275301	392650	0742754	SEAVIEW COUNTRY CLUB	1913	--	--	174	--
010172	392653074275501	392650	0742752	SEAVIEW COUNTRY CLUB	1972	SCHULTES, AC	270	204	161
010173	392653074275502	392708	0742750	SEAVIEW COUNTRY CLUB	1951	MCGINNIS, E	66	66	60
010174	392656074283401	392653	0742825	SEAVIEW COUNTRY CLUB	1947	--	--	232	--
010175	392659074282301	392702	0742826	SEAVIEW COUNTRY CLUB	1969	ARTESIAN	250	250	192
010176	392659074282302	392658	0742825	SEAVIEW COUNTRY CLUB	--	--	228	228	208
010177	392659074282303	392658	0742829	SEAVIEW COUNTRY CLUB	1930	ARTESIAN	253	253	203
010178	392738074275301	392746	0742752	GALLOWAY TWP BD OF ED	1953	HAUSER, GUS	102	98	78
010179	392744074294201	392723	0742945	BURNESS, H	1957	KOBOLO, F	64.5	64.5	58
010180	392754074270101	392754	0742701	US GEOLOGICAL SURVEY	1959	LAUMAN, CW	1000	570	560
010181	392813074315101	392807	0743151	NJ HIGHWAY AUTHORITY	1954	LAUMAN CO	111	110	80
010182	392815D74315001	392809	0743150	NJ HIGHWAY AUTHORITY	1954	LAUMAN, CW	111	108	78
010183	392841074322501	392842	0743222	BACHARACH REHAB CENTER	1975	LAYNE NY	206	192	172
010184	392845074360101	392918	0743607	LENOX INC	1953	SCHULTES, AC	180	164	--
010185	392845074360102	392919	0743605	LENOX INC	1967	SCHULTES, AC	173	173	140
010186	392912074345201	393008	0743352	VERMECELLI, R	1969	D'AGOSTINO	--	62	40

Table 3--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

Bottom of open interval (feet)	Type of openings ¹	Diameter of casing (inches)	Altitude of land surface (feet)	Water level (feet)	Date of water-level measurement	Discharge (gallons per minute)	Specific capacity (gallons per minute per foot)	Primary use of site ²	Primary use of water ³	Aquifer code ⁴	USGS well number
ATLANTIC COUNTY--Continued											
--	-	4	10	--	--	400	--	W	I	121CKKD	010126
70	S	4	10	5	10-01-1952	10	--	Z	U	121CKKD	010128
45	S P S	2	25	11	09-00-1952	8	--	Z	U	121CKKD	010129
150	S P	2	15	15	08-21-1954	10	2	Z	U	121CKKD	010130
59	S	4	25	6	02-00-1952	11	1	Z	U	121CKKD	010131
74	S	2	45	29	06-01-1952	--	--	Z	U	121CKKD	010132
150	S S	4, 3	30	11	02-23-1966	60	60	WW	I	121CKKD	010133
135	S	5	35	12	06-00-1950	385	64	WW	I	121CKKD	010134
127	S S	20, 12	20	3	12-23-1971	1020	51	WW	P	121CKKD	010135
70	S	2	20	12	11-00-1954	15	5	Z	U	121CKKD	010136
146	S	4	35	11	10-27-1964	120	24	WW	I	121CKKD	010137
123	S S	24, 16	15	8.75	12-16-1968	1220	22	WW	P	121CKKD	010138
110	S	2	10	4	12-01-1967	40	--	WOW	U	121CKKD	010139
--	-	4	50	--	--	120	--	Z	I	121CKKD	010140
--	-	4	55	--	--	400	--	Z	U	121CKKD	010141
78	S	2	45	25	02-01-1954	5	5	Z	U	121CKKD	010142
47	S S	2	55	30	04-00-1953	8	2	ZZ	U	121CKKD	010143
141	S S	10, 6	55	28	07-18-1961	203	5	WW	I	121CKKD	010144
74	S S	4	45	11	01-00-1952	50	--	ZZ	U	121CKKD	010145
50	S	2	60	12	01-00-1952	5	--	Z	U	121CKKD	010146
90	S	2	40	11	10-00-1962	7	--	W	H	121CKKD	010147
80	S S	4	40	14	08-00-1953	10	10	ZZ	P	121CKKD	010148
120	S S	2	60	12	09-00-1954	8	--	ZZ	P	121CKKD	010149
222	S S	20, 12	50	28	04-17-1972	1020	22	WW	P	121CKKD	010150
208	S	20, 12	45	13	11-21-1971	1020	36	WW	P	121CKKD	010151
109	S S	2	60	--	--	--	--	Z	U	121CKKD	010152
38	S S	2	55	14	07-00-1953	16	4	ZZ	U	121CKKD	010153
157	S S	8	55	8	11-25-1968	503	12	WW	F	121CKKD	010154
53	S S	2	65	23	02-00-1963	--	--	ZZ	UU	121CKKD	010155
56	S	4	65	7	07-00-1952	--	--	Z	U	121CKKD	010156
180	S S	12, 8	40	13	05-00-1960	200	25	WW	P	121CKKD	010157
163	S	12, 8	55	11	02-00-1943	258	7	WW	P	121CKKD	010158
--	-	--	60	13	03-00-1942	--	--	TT	U	121CKKD	010159
167	S S	16, 8, 4	40	20	12-15-1964	670	34	WW	N	121CKKD	010160
52	S	2	55	21	10-00-1963	20	2	Z	U	121CKKD	010161
34	S	4	30	16	11-00-1953	110	27	Z	U	121CKKD	010162
53	S	2	55	10	01-00-1952	--	--	WW	H	121CKKD	010163
--	-	--	75	--	--	250	--	ZZ	U	121CKKD	010164
111	S S	3	80	29	03-00-1948	35	--	ZZ	U	121CKKD	010165
70	S	4	70	7	01-00-1955	70	--	WW	I	121CKKD	010166
--	--	--	70	--	--	384	--	WW	I	121CKKD	010167
168	S S	6	85	11	02-00-1951	250	23	WW	N	121CKKD	010168
104	S S	3	90	15	02-00-1953	40	4	WW	H	121CKKD	010169
52	S	2	50	28	05-00-1952	5	--	ZW	U	121CKKD	010170
--	-	6	10	--	--	320	--	WW	I	121CKKD	010171
201	R	18, 12	10	3	01-26-1972	1000	7	W	I	121CKKD	010172
66	S	2	10	12	08-24-1951	3	--	WW	H	121CKKD	010173
--	-	--	35	--	--	1070	--	WW	I	121CKKD	010174
244	R	16, 10, 8	50	32	07-07-1969	610	17	WW	P	121CKKD	010175
228	S	10	45	--	--	324	8	Z	I	121CKKD	010176
253	S	16, 10	50	46	05-00-1930	600	24	W	P	121CKKD	010177
98	S S	5	42	32	06-00-1953	118	118	WW	T	121CKKD	010178
64	S S	2, .5	45	25	02-20-1957	10	1	WW	H	121CKKD	010179
570	S S	8, 6	30	38	12-00-1959	140	--	WW	O	122KRKDL	010180
110	S	8	60	21	00-00-1954	149	12	W	H	121CKKD	010181
108	S	8	60	19	00-00-1954	149	14	W	H	121CKKD	010182
192	L	10	65	30	06-19-1974	415	4	WW	P	121CKKD	010183
--	-	12, 8	65	15	01-20-1972	300	10	Z	U	121CKKD	010184
173	S	12, 8	65	10.2	04-28-1967	307	9	WW	N	121CKKD	010185
62	S	6, 4	54.4	8	04-02-1969	250	10	W	U	121CKKD	010186

Footnotes at end of table.

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

USGS well number	Site identification	Latitude (degrees)	Longitude (degrees)	Owner	Date of well construc- tion	Contractor	Depth drilled (feet)	Depth of well (feet)	Top of open interval (feet)
ATLANTIC COUNTY--Continued									
010187	392923074355701	392923	0743557	BIOCRAFT LABS	--	LAYNE NY	208	--	--
010188	392923074355702	392923	0743557	BIOCRAFT LABS	--	LAYNE NY	208	208	--
010189	392923074355703	392923	0743557	BIOCRAFT LABS	1970	LAYNE NY	208	159	118
010190	392923074355704	392923	0743557	BIOCRAFT LABS	1970	LAYNE NY	208	167	136
010191	392923074355705	392923	0743557	BIOCRAFT LABS	1970	LAYNE NY	208	159	133
010192	392935074342901	392935	0743428	CANON, R J	1961	MCGINNIS	--	100	--
010193	392955074303401	392938	0743130	STOCKTON STATE COLLEGE	1971	MURTHA, JOHN	150	150	130
010194	392955074303801	392933	0743137	STOCKTON STATE COLLEGE	1971	MURTHA, JOHN	150	145	125
010195	393006074371501	393019	0743724	HAAS, THEODORE	1934	--	--	104	--
010197	393021074335101	393021	0743351	SCHENKEL, A	1965	DELMARVA	--	125	20
010198	393025074381601	393019	0743604	SOHN, EMMA	1961	--	--	136	--
010200	393035074360701	393036	0743608	HANSELMANN, W	1966	DELMARVA	125	120	30
010201	393053074365401	393114	0743654	STADTMUELLER, L	1955	--	--	75	--
010202	393053074365402	393114	0743654	STADTMUELLER, L	1964	--	--	77	--
010203	393103074334101	393103	0743341	NEWCOMB, M	--	--	--	98	--
010204	393103074334102	393103	0743341	NEWCOMB, M	--	--	--	98	--
010206	393112074351301	393118	0743514	ROESCH & SONS	1967	DELMARVA	110	100	25
010207	393113074355601	393113	0743556	SHAW, RICHARD	1965	--	--	100	--
010208	393120074363201	393123	0743638	KERTZ, JOHN	1952	--	--	64	--
010209	393122074330101	393122	0743301	KIENZLE BROTHERS	--	--	--	110	--
010210	393122074330102	393122	0743301	KIENZLE BROTHERS	--	--	--	46	--
010211	393124074343801	393124	0743438	KIENZLE BROTHERS	--	--	--	110	--
010212	393132074330701	393132	0743307	STUCKLE, FRED	1952	--	--	100	--
010213	393134074342101	393136	0743426	KIENZLE BROTHERS	--	--	--	82	--
010214	393136074325001	393136	0743250	KIENZLE BROTHERS	--	--	--	46	--
010215	393136074325002	393136	0743250	KIENZLE BROTHERS	--	--	--	85	--
010216	393136074325003	393136	0743250	KIENZLE BROTHERS	--	--	--	100	--
010217	393136074343301	393137	0743433	BELL, CLARENCE	1967	--	--	100	--
010218	393156074302101	393135	0743252	KIENZLE BROTHERS	1974	MCGINNIS, E	118	118	98
010219	392625074415601	392647	0744042	HAMILTON TWP MUA	1973	LAYNE NY	--	378	--
010220	392625074415602	392627	0744156	HAMILTON TWP MUA	1973	LAYNE NY	340	169	139
010221	392636074413001	392636	0744130	WHEATON PLASTIC	1972	SKINNER, VAN	131	131	111
010222	392641074412201	392640	0744122	SHULTON INC	1967	SKINNER, VAN	87	87	67
010223	392643074374701	392643	0743747	WEINTAL, D	1953	WILLIAMS, J	86	86	80
010224	392645074374101	392645	0743741	SOFFER, B	1953	WILLIAMS, J	41	41	36
010225	392653074405001	392701	0744106	HOLY CROSS CEMETERY	1957	LAYNE NY	288	160	137
010226	392703074374701	392658	0743751	AC EXPRESSWAY AUTHORITY	1964	SCHULTES, AC	76	64	53
010227	392709074443901	392710	0744440	HAMILTON TWP MUA	1966	SCHULTES, AC	--	347	316
010228	392710074432401	392709	0744321	HAMILTON TWP MUA	1949	ARTESIAN	231	231	201
010229	392714074432801	392714	0744328	HAMILTON TWP MUA	1921	ARTESIAN	243	243	196
010230	392722074384301	392722	0743845	HAMILTON TWP MUA	1974	SCHULTES, AC	165	95.7	65.7
010231	392722074403401	392718	0744035	EGG HARBOR REG HS DIST	1961	LAYNE NY	165	151	128
010232	392724074382401	392724	0743824	AC RACING ASSOCIATION	1967	MCGINNIS, E	--	151	129
010233	392803074483301	392803	0744833	MECHOLSKY, A	1962	KOBOLO, F	126	126	114
010234	392841074430101	392827	0744318	ATLANTIC BLUEBERRY CO	1966	DELMARVA	180	160	20
010235	392912074511701	392912	0745117	GOLDSTEIN, K	1953	SKYPALA, R	96	92	86
010236	392924074443201	392924	0744432	COLASURDO, P A	1953	MCGINNIS, E	186	185	180
010237	392957074370901	392926	0743717	EATON, BRIT	1955	--	--	18	--
010238	392957074370902	392926	0743717	EATON, BRIT	1955	--	--	18	--
010239	392957074370903	392927	0743722	EATON, BRIT	1955	--	--	18	--
010240	392957074372401	392926	0743717	EATON, BRIT	1955	--	--	25	--
010241	392957074372402	392927	0743722	EATON, BRIT	1955	--	--	25	--
010242	392957074372403	392927	0743722	EATON, BRIT	1955	--	--	50	--
010243	393012074375001	393221	0743746	EGG HARBOR STP	1953	STOTHOFF, WM	83	83	73
010244	393051074412101	393047	0744114	AC EXPRESSWAY AUTHORITY	1964	SCHULTES, AC	66	55	44.5
010245	393114074492501	393114	0744925	THOMAS, C	1953	HAUSER, GUS	100	96	90
010246	393119074471901	393148	0744743	ANNACONI, E	1952	HAUSER, GUS	43	39	33
010247	393125074474401	393125	0744744	VALENTE, J	1956	KOBOLO, F	91	91	81
010248	393210074474801	393210	0744748	MCNEW, D	1952	SKYPALA, R	74	74	69
010249	393248074491801	393248	0744918	DONELCZYK, J	1954	KOBOLO, F	65	65	60

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

Bottom of open interval (feet)	Type of openings ¹	Diameter of casing (inches)	Altitude of land surface (feet)	Water level (feet)	Date of water-level measurement	Discharge (gallons per minute)	Specific capacity (gallons per minute per foot)	Primary use of site ²	Primary use of water ³	Aquifer code ⁴	USGS well number
ATLANTIC COUNTY--Continued											
--	-	--	65	--	--	--	--	0	-	122KRKDU	010187
--	-	--	65	2.04	07-06-1972	--	--	Z	U	121CKKD	010188
159	S	8	65	6	10-27-1970	495	6	Z	U	121CKKD	010189
167	S	8	65	5	11-16-1970	402	9	Z	U	121CKKD	010190
159	S	8	65	7	11-16-1970	403	7	Z	U	121CKKD	010191
--	-	4	55	1.70	07-06-1972	--	--	U	U	121CKKD	010192
150	S	12,8	40	6	06-07-1971	325	12	WW	T	121CKKD	010193
145	S	12,8	40	4	05-24-1971	300	12	WW	T	121CKKD	010194
--	-	4	65	--	--	300	--	WW	U	121CKKD	010195
125	S	4	55	7	04-15-1965	60	--	U	U	121CKKD	010197
--	-	--	65	11.7	07-06-1972	350	--	W	I	121CKKD	010198
120	S	4	65	12	07-25-1966	50	25	WW	I	121CKKD	010200
--	-	4	55	--	--	120	--	WW	I	121CKKD	010201
--	-	4	55	--	--	150	--	WW	I	121CKKD	010202
--	-	4	50	--	--	--	--	W	I	121CKKD	010203
--	-	4	50	--	--	--	--	W	I	121CKKD	010204
100	S	8	55	10	04-04-1967	60	60	WW	I	121CKKD	010206
--	-	4	55	--	--	300	--	WW	I	121CKKD	010207
--	-	4	45	--	--	300	--	WW	I	121CKKD	010208
--	-	4	50	--	--	--	--	U	U	121CKKD	010209
--	-	4	50	--	--	--	--	U	U	121CKKD	010210
--	-	4	55	--	--	--	--	U	U	121CKKD	010211
--	-	2	55	9.93	07-05-1972	--	--	U	U	121CKKD	010212
--	-	4	55	--	--	--	--	U	U	121CKKD	010213
--	-	--	60	--	--	--	--	Z	U	121CKKD	010214
--	-	--	60	--	--	--	--	W	I	121CKKD	010215
--	-	--	60	--	--	--	--	W	I	121CKKD	010216
--	-	3	55	--	--	--	--	W	I	121CKKD	010217
118	S	8	55	25	11-26-1974	450	18	W	I	121CKKD	010218
--	-	12	50	--	--	--	--	O	U	122KRKDU	010219
169	L	24,18,12	60	38	04-03-1974	524	13	C	P	121CKKD	010220
131	SS	8	60	--	--	--	--	NN	P	121CKKD	010221
87	SSS	8	60	25	06-14-1967	305	17	WW	N	121CKKD	010222
86	SS	2	70	13	06-00-1953	8	2	WW	N	121CKKD	010223
41	S	2	70	15	05-00-1953	6	1	WW	U	121CKKD	010224
157	L	10	75	42	09-07-1956	210	10	WW	I	121CKKD	010225
64	SS	6	70	20	05-14-1964	99	10	WW	H	121CKKD	010226
347	SS	18,12	20	-6	11-14-1966	754	7	WW	P	121CKKD	010227
231	R	12,10	10	3	12-15-1949	360	8	WW	P	121CKKD	010228
226	S	12,10	15	3	00-00-1921	427	9	C	P	121CKKD	010229
85.7	R	12,8	70	20.8	06-00-1974	175	6	C	P	121CKKD	010230
148	L	8	80	40	05-19-1959	300	13	WW	T	121CKKD	010231
151	RR	12	70	29	08-01-1967	800	11	WW	C	121CKKD	010232
126	SS	2	85	25	01-00-1962	20	2	WW	U	121CKKD	010233
160	S	8	30	3	07-14-1966	40	20	W	I	121CKKD	010234
92	S	4	100	--	--	--	--	Z	U	121CKKD	010235
185	S	2	30	6	11-00-1953	12	3	Z	U	121CKKD	010236
--	-	2	65	2.41	06-27-1984	67	--	U	U	121CKKD	010237
--	-	2	65	2.45	06-27-1984	67	--	U	U	121CKKD	010238
--	-	2	65	3.71	06-27-1984	67	--	U	U	121CKKD	010239
--	-	2	65	3.07	06-27-1984	67	--	U	U	121CKKD	010240
--	-	2	65	4.04	06-27-1984	67	--	U	U	121CKKD	010241
--	-	1.5	65	5.36	06-27-1984	67	--	U	U	121CKKD	010242
83	S	6	35	2	08-00-1953	30	6	Z	U	121CKKD	010243
55	S	6	65	10.6	04-09-1964	49	4	W	H	121CKKD	010244
96	S	4	60	21	03-00-1953	--	--	Z	U	121CKKD	010245
39	S	4	55	5	09-00-1952	18	3	Z	U	121CKKD	010246
91	S	2	60	9	07-00-1956	30	1	Z	U	121CKKD	010247
74	S	2	60	11	01-00-1952	15	--	Z	U	121CKKD	010248
65	S	1.25	80	--	--	--	--	Z	U	121CKKD	010249

Footnotes at end of table.

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

USGS well number	Site identification	Latitude (degrees)	Longitude (degrees)	Owner	Date of well construction	Contractor	Depth drilled (feet)	Depth of well (feet)	Top of open interval (feet)
ATLANTIC COUNTY--Continued									
010250	393251074441001	393303	0744413	AC EXPRESSWAY AUTHORITY	1964	SCHULTES, AC	181	157	142
010251	393254074441301	393305	0744410	AC EXPRESSWAY AUTHORITY	1964	SCHULTES, AC	177	142	127
010252	393303074465501	393303	0744654	ATLANTIC BLUEBERRY CO	1957	--	--	220	--
010253	393303074465502	393303	0744654	ATLANTIC BLUEBERRY CO	1957	--	--	110	--
010254	393314074471001	393310	0744706	ATLANTIC BLUEBERRY CO	1966	--	--	118	--
010255	393320074472001	393324	0744718	ATLANTIC BLUEBERRY CO	1966	DELMARVA	120	110	66
010256	393333074442401	393333	0744426	SCHOLLER BROTHERS CHEM CO	1955	MCGINNIS, E	275	275	254
010257	393335074465501	393323	0744656	ATLANTIC BLUEBERRY CO	1972	--	--	102	--
010258	393356074483901	393356	0744839	SNUG HARBOR GUN CLUB	1952	SKYPALE, R	48	44	38
010259	393556074462701	393600	0744635	RUGGERO, GEORGE	1955	--	--	130	--
010260	393626D74480001	393604	0744824	CRAMER, R H	1959	HAUSER, GUS	70	66	60
010261	393628D74492301	393639	0744915	MORTELLITE, GEORGE	1965	ROBBINS BROS	100	100	70
010262	393636074480401	393640	0744803	WUILLERMIN, E	1964	--	120	120	--
010263	393639074481401	393640	0744811	WUILLERMAN, ED	1946	--	--	117	--
010264	393646074460401	393606	0744456	NJ STATE POLICE	1958	RULON & COOK	107	107	97
010265	393646074475501	393714	0744805	BERENATO, J	1963	--	--	--	--
010266	393646074480801	393707	0744826	BERENATO, J	1963	--	96	96	--
010267	393652074480101	393652	0744801	BERENATO, J	1952	PERNA, R D	47	47	42
010268	393653074493301	393653	0744933	AC EXPRESSWAY AUTHORITY	1964	SCHULTES, AC	256	230	220
010269	393703074483201	393641	0744833	FRANCHETTI, D	1956	HAUSER, GUS	58	54	34
010270	393714074470901	393712	0744720	AMERICAN HOME PRODUCTS	1958	LAYNE NY	428	410	390
010271	393715074485401	393715	0744854	OLIVIO, J B	1954	CARUSO, C	80	80	70
010272	393722074443401	393746	0744413	BERTINO, JOHN	1956	--	--	62	--
010273	393727074501001	393728	0745007	JACOBS, SALVATORE	1968	DELMARVA	--	100	60
010274	393728074443701	393738	0744437	BERTINO, JOHN	1950	CAPELLA, F	--	86	--
010275	393729074495501	393722	0744950	JACOBS, ANTHONY	1966	DELMARVA	100	100	20
010276	393737074472801	393737	0744724	HAMMONTON LAKE PARK	1964	MURTHA, JOHN	88	77	62
010277	393742074493501	393732	0744932	ANGELO, J J SR	1955	HAUSER, GUS	120	110	90
010278	393748074483601	393748	0744836	BRUNO, JOHN	1954	PANCIERA, E	--	98	91
010279	393758074485301	393757	0744825	HAMMONTON WD	1928	ARTESIAN	328	328	268
010280	393759074482401	393757	0744827	HAMMONTON WD	1917	ARTESIAN	300	300	256
010281	393759074482402	393756	0744827	HAMMONTON WD	1922	ARTESIAN	315	315	255
010282	393804074420001	393804	0744200	BRIDGE AVENUE FARM	1962	--	--	125	--
010283	393806074471301	393806	0744713	SOUTH JERSEY TANK	1959	HAUSER, GUS	66	62	57
010284	393809074484601	393818	0744843	EASTERN BREWING	1962	MCGINNIS, E	171	171	141
010285	393809074484602	393818	0744843	EASTERN BREWING	1945	--	--	178	--
010286	393813074472401	393815	0744728	BROWN, JAMES	1967	DELMARVA	100	100	45
010287	393816074445201	393823	0744515	BERTINO, JOHN	1949	--	--	60	--
010288	393819074445201	393827	0744508	BERTINO, JOHN	1949	--	--	58	--
010289	393821074444901	393825	0744459	BERTINO BROTHERS	1946	--	--	80	--
010290	393822074400201	393821	0744006	BERTINO, JOHN	1962	--	--	96	--
010291	393829074441801	393829	0744418	GOZZARA, F	1952	LEEK, B A	46	46	40
010292	393833074465101	393833	0744653	HAMMONTON WD	1967	LAYNE NY	245	241	201
010293	393834074455201	393842	0744642	HAMMONTON WD	1965	LAYNE NY	375	252	200
010294	393835074462401	393901	0744707	CAPAFERRI, J	1954	SKYPALE, R	61	61	55
010295	393836074444301	393835	0744435	BERTINO BROTHERS	1963	--	--	60	--
010296	393840074442001	393842	0744421	BERTINO BROTHERS	1950	--	--	58	--
010297	393845074434201	393842	0744357	BRIDGE AVENUE FARM	1964	--	--	68	--
010298	393845074441401	393845	0744413	BRIDGE AVENUE FARM	1961	--	--	120	--
010299	393845074441402	393844	0744412	BRIDGE AVENUE FARM	1961	--	--	120	--
010300	393845074451201	393837	0744526	BERTINO, JOHN	1960	--	--	77	--
010301	393846074453001	393846	0744527	BRIDGE AVENUE FARM	1961	--	--	65	--
010302	393846074453302	393846	0744527	BRIDGE AVENUE FARM	1961	--	--	65	--
010303	393849074463001	393849	0744630	NATURAL GAS CO	1951	PANCIERA, EE	95	95	88
010304	393852074425701	393852	0744257	WOLFE, L	1966	DELMARVA	165	160	84
010305	393853074463001	393854	0744646	VARIETY FARMS	1957	SACCO, CHAS	70	70	64
010306	393858074450101	393858	0744501	COLUMBIA FARMS	1956	--	--	45	--
010307	393858074450102	393858	0744501	COLUMBIA FARMS	1956	--	--	65	--
010308	393902074470201	393902	0744702	CAMPANELLA, NUNCE	1955	--	--	105	--
010309	393907074440201	393928	0744603	COLUMBIA FARMS	1955	--	--	96	--

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

Bottom of open interval (feet)	Type of openings ¹	Diameter of casing (inches)	Altitude of land surface (feet)	Water level (feet)	Date of water-level measurement	Discharge (gallons per minute)	Specific capacity (gallons per minute per foot)	Primary use of site ²	Primary use of water ³	Aquifer code ⁴	USGS well number
ATLANTIC COUNTY--Continued											
157	S	8	75	24.5	08-24-1964	210	17	Z	U	121CKKD	010250
142	S	8	75	21.7	08-26-1964	201	12	W	U	121CKKD	010251
--	-	10	50	--	--	400	--	W	I	121CKKD	010252
--	-	4	50	--	--	800	--	W	I	121CKKD	010253
--	-	8	40	--	--	400	--	W	I	121CKKD	010254
110	P	17	50	4	11-01-1966	1300	65	W	I	121CKKD	010255
275	S	8	93.2	40	05-15-1955	250	2	W	U	121CKKD	010256
--	-	12	45	--	--	800	--	W	I	121CKKD	010257
44	S	4	50	25	10-00-1952	30	15	Z	U	121CKKD	010258
--	-	6	90	--	--	450	--	W	I	121CKKD	010259
66	S	4	105	36	02-00-1959	16	16	Z	U	121CKKD	010260
100	S	6	75	10	04-09-1965	300	--	Z	U	121CKKD	010261
--	-	--	90	14.3	11-13-1984	250	--	W	I	121CKKD	010262
--	-	4	85	--	--	180	--	Z	U	121CKKD	010263
107	S	6	95	23	01-00-1958	200	4	W	H	121CKKD	010264
--	-	--	95	--	--	450	--	Z	U	121CKKD	010265
--	-	--	100	19.4	11-13-1984	450	--	W	U	121CKKD	010266
47	S	2	95	10	01-00-1952	8	4	Z	U	121CKKD	010267
230	S	6	75	9	05-05-1964	61	1	W	H	121CKKD	010268
54	S	4	80	2	02-00-1956	--	--	W	I	121CKKD	010269
410	L	10,6	90	50	11-25-1958	150	5	W	N	124PNPN	010270
80	S	4	110	14	02-00-1954	80	40	Z	U	121CKKD	010271
--	-	4	60	--	--	275	--	W	I	121CKKD	010272
100	S	4	85	4	04-19-1968	60	20	W	I	121CKKD	010273
--	-	8	65	--	--	400	--	W	I	121CKKD	010274
100	S	4	95	14	04-18-1966	60	30	U	U	121CKKD	010275
77	S	8	70	-2	08-00-1964	480	17	W	I	121CKKD	010276
110	S	4	90	10	04-00-1955	150	50	W	I	121CKKD	010277
98	S	3	125	47	11-00-1954	20	20	Z	U	121CKKD	010278
320	S	12.5,10	110	37	05-31-1928	675	64	W	P	121CKKD	010279
300	S	8	115	47	00-00-1917	700	18	Z	P	121CKKD	010280
315	S	18,12	115	33	00-00-1922	700	24	W	P	121CKKD	010281
--	-	8	60	--	--	500	--	Z	U	121CKKD	010282
62	S	6	80	18	01-00-1959	40	13	Z	U	121CKKD	010283
171	S	10	105	30	08-30-1961	600	15	Z	U	121CKKD	010284
--	-	5	105	26.3	05-00-1984	400	--	W	N	121CKKD	010285
100	S	4	85	13	02-01-1967	60	20	W	I	121CKKD	010286
--	-	4	55	4.75	06-12-1984	175	--	W	U	121CKKD	010287
--	-	4	55	--	--	175	--	W	I	121CKKD	010288
--	-	4	55	--	--	200	--	W	I	121CKKD	010289
--	-	4	20	--	--	200	--	W	I	121CKKD	010290
46	S	3	50	10	05-10-1952	7	2	Z	U	121CKKD	010291
241	L	12	90	26	07-14-1967	1000	100	W	P	121CKKD	010292
250	L	8	85	25	07-07-1965	396	12	Z	U	121CKKD	010293
61	S	2	85	11	02-01-1954	10	5	Z	U	121CKKD	010294
--	-	4	55	--	--	200	--	W	I	121CKKD	010295
--	-	4	55	--	--	500	--	W	I	121CKKD	010296
--	-	6	55	--	--	300	--	W	I	121CKKD	010297
--	-	4	60	--	--	250	--	W	U	121CKKD	010298
--	-	4	60	3.50	06-04-1984	250	--	W	U	121CKKD	010299
--	-	4	57.3	1.98	06-12-1984	200	--	W	I	121CKKD	010300
--	-	4	55	--	--	250	--	W	I	121CKKD	010301
--	-	4	55	--	--	250	--	W	I	121CKKD	010302
95	S	3	80	18	02-00-1951	20	--	Z	U	121CKKD	010303
160	S	17	65	4.50	06-25-1966	--	--	W	I	121CKKD	010304
70	S	3	90	--	--	--	--	U	U	121CKKD	010305
--	-	4	60	--	--	250	--	Z	U	121CKKD	010306
--	-	4	60	--	--	250	--	Z	U	121CKKD	010307
--	-	4	85	--	--	200	--	W	I	121CKKD	010308
--	-	4	65	20.2	04-27-1984	125	--	U	U	121CKKD	010309

Footnotes at end of table.

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

USGS well number	Site identification	Latitude (degrees)	Longitude (degrees)	Owner	Date of well construc- tion	Contractor	Depth drilled (feet)	Depth of well (feet)	Top of open interval (feet)
ATLANTIC COUNTY--Continued									
010310	393907074440202	393904	0744402	COLUMBIA FARMS	1955	--	--	96	--
010311	393910074463501	393912	0744636	VACCARO, ANTHONY	1955	--	--	64	--
010312	393911074481001	393911	0744810	GAMBACORT	1955	--	--	60	--
010313	393917074463101	393918	0744624	COLUMBIA FARMS	1958	--	--	65	--
010314	393918074471301	393918	0744710	PENSY, C	1961	--	--	65	--
010315	393918074490201	393918	0744902	RIGOLIZZO, M	1954	--	--	58	--
010316	393918074490202	393918	0744902	RIGOLIZZO, M	1955	--	--	60	--
010317	393918074490203	393918	0744902	RIGOLIZZO, M	1965	--	--	141	--
010318	393924074472801	393924	0744728	D'AGOSTINO, C	1962	--	--	120	--
010319	393924074472802	393924	0744728	D'AGOSTINO, C	1949	--	--	80	--
010320	393924074472803	393924	0744728	D'AGOSTINO, C	1949	--	--	100	--
010321	393930074483501	393930	0744835	RANSOM, ORVILLE	1950	--	--	70	--
010322	393930074483502	393930	0744835	RANSOM, ORVILLE	1965	--	--	160	--
010323	393931074482101	393932	0744820	IDEAL MANUFACTURING CO	1953	ARTESIAN	170	165	153
010325	393935074455701	393927	0744602	COLUMBIA FARMS	1957	--	--	65	--
010326	393935074455702	393927	0744602	COLUMBIA FARMS	1957	--	--	140	--
010327	393938074440001	393938	0744400	WOLFE, L	1966	DELMARVA	140	140	76
010328	393942074442801	393942	0744425	WOLFE, P E	1967	DELMARVA	218	210	26
010329	393942074454701	393943	0744548	COLUMBIA FARMS	1960	--	--	60	--
010330	393942074454702	393943	0744548	COLUMBIA FARMS	1960	--	--	60	--
010331	393945074470301	393954	0744716	DESILVO, A J	1955	PERNA, RD	90	90	85
010332	393950074460101	393950	0744601	COLUMBIA FARMS	1963	--	--	45	--
010333	393950074460102	393950	0744601	COLUMBIA FARMS	1963	--	--	45	--
010334	393950074460103	393950	0744601	COLUMBIA FARMS	1963	--	--	60	--
010335	393957074480901	393957	0744809	SUNNYBROOK FARM	1960	--	--	110	--
010336	394006074475801	394003	0744748	LUCCA, J	1957	--	--	130	--
010337	394016074423401	394016	0744234	US GEOLOGICAL SURVEY	1956	--	--	99	--
010338	394033074473601	394013	0744704	DELUCA, FRANK	1953	CARUSO, C	46	46	36
010339	394033074473602	394013	0744704	OELUCA, FRANK	1954	--	--	46	--
010341	394107074432101	394107	0744321	US GEOLOGICAL SURVEY	1956	--	--	99	--
010342	394119074435601	394118	0744358	PARADISE LAKE CAMPGROUND	1900	--	--	90	86
010343	394127074405401	394127	0744054	US GEOLOGICAL SURVEY	1956	--	--	99	--
010344	394138074411901	394138	0744119	STATE OF NJ	1975	ENG DRILL CO	25	20	15
010345	394139074412201	394139	0744122	US GEOLOGICAL SURVEY	--	--	--	99	--
010346	394147074431801	394147	0744318	ROCKWOOD, C G	1884	--	--	158	--
010347	394154074414601	394154	0744146	US GEOLOGICAL SURVEY	--	--	--	99	--
010348	394316074415001	394316	0744415	STATE OF NJ	1975	ENG DRILL CO	25	15	10
010349	394041074460401	394041	0744604	STATE OF NJ	1975	ENG DRILL CO	217	150	145
010350	394041074460402	394041	0744604	STATE OF NJ	1975	ENG DRILL CO	25	25	14.7
010351	394108074431901	394108	0744319	STATE OF NJ	1975	ENG DRILL CO	125	22	17
010352	394156074450801	394156	0744508	STATE OF NJ	1975	ENG DRILL CO	25	25	20
010353	392001074352201	392001	0743522	NJ/AMERICAN WC	1962	ARTESIAN	71	71	56
010354	392024074344801	392023	0743433	HARRY HESSEN FLORIST	1953	MCGINNIS, E	95	95	87
010355	392042074345901	392056	0743456	PRUDENTIAL INSURANCE CO	1959	LAYNE NY	252	252	146
010356	392042074345902	392053	0743455	PRUDENTIAL INSURANCE CO	1959	LAYNE NY	289	262	238
010357	392201074340001	392102	0743400	BRIGHTON FARMS	1952	MCGINNIS, E	158	158	137
010358	392107074344501	392057	0743453	PRUDENTIAL INSURANCE CO	1959	LAYNE NY	196	189	156
010359	392108074344401	392100	0743450	PRUDENTIAL INSURANCE CO	1959	LAYNE NY	195	187	153
010360	392109074332901	392113	0743341	LINWOOD COUNTRY CLUB	1952	HAUSER, GUS	165	165	145
010361	392109074333301	392109	0743346	LINWOOD COUNTRY CLUB	1953	HAUSER, GUS	165	165	145
010362	392119074342401	392119	0743424	NJ/AMERICAN WC	1965	SHANAHAN CO	165	146	96
010363	392137074342101	392137	0743421	FISCHERS NURSERY	1948	SKINNER, VAN	115	115	100
010364	392143074342601	392143	0743426	FISCHER GREENHOUSE	1949	--	--	110	--
010365	392146074342401	392146	0743424	FISCHER GREENHOUSE	1962	--	--	90	--
010366	391821074320701	391821	0743208	LONGPORT WD	1895	WHITE, URIAH	803	803	753
010367	391859074312201	391859	0743122	LONGPORT WD	1947	LAYNE NY	818	800	750
010368	391859074312202	391859	0743122	LONGPORT WD	1940	LAYNE NY	812	805	738
010369	391905074312701	391905	0743128	LONGPORT WD	1968	MCKEE, C J	840	811	760
010370	391932074305701	391928	0743055	MARGATE CITY WD	1962	LAYNE NY	804	801	748
010371	391933074305701	391933	0743057	MARGATE CITY WD	1924	--	--	813	--

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

Bottom of open interval (feet)	Type of openings ¹	Diameter of casing (inches)	Altitude of land surface (feet)	Water level (feet)	Date of water-level measurement	Discharge (gallons per minute)	Specific capacity (gallons per minute per foot)	Primary use of site ²	Primary use of water ³	Aquifer code ⁴	USGS well number
ATLANTIC COUNTY--Continued											
--	-	4	65	--	--	125	--	U	U	121CKKD	010310
--	-	4	75	--	--	325	--	W	I	121CKKD	010311
--	-	--	100	--	--	200	--	Z	U	121CKKD	010312
--	-	4	65	2.44	07-10-1984	300	--	W	I	121CKKD	010313
--	-	4	70	--	--	250	--	W	I	121CKKD	010314
--	-	4	105	--	--	140	--	W	I	121CKKD	010315
--	-	4	110	--	--	140	--	Z	U	121CKKD	010316
--	-	4	110	--	--	140	--	Z	U	121CKKD	010317
--	-	4	80	--	--	300	--	W	U	121CKKD	010318
--	-	4	80	--	--	300	--	W	U	121CKKD	010319
--	-	4	80	--	--	300	--	W	U	121CKKD	010320
--	-	4	115	--	--	50	--	Z	U	121CKKD	010321
--	-	--	115	--	--	300	--	Z	U	121CKKD	010322
165	S	6	100	--	--	190	8	W	A	121CKKD	010323
--	-	4	65	1.78	04-26-1984	250	--	W	I	121CKKD	010325
--	-	4	65	.48	04-26-1984	250	--	W	I	121CKKD	010326
140	P	17	55	10	07-11-1966	--	--	Z	U	121CKKD	010327
210	P	17	75	6	05-23-1967	--	--	W	I	121CKKD	010328
--	-	4	60	1.95	04-26-1984	150	--	W	I	121CKKD	010329
--	-	4	60	1.79	04-26-1984	150	--	W	I	121CKKD	010330
90	S	2	75	13	00-00-1955	25	--	W	H	121CKKD	010331
--	-	4	60	.97	04-26-1984	265	--	W	I	121CKKD	010332
--	-	4	60	1.20	04-26-1984	265	--	W	I	121CKKD	010333
--	-	4	60	1.57	04-26-1984	265	--	W	I	121CKKD	010334
--	-	4	80	--	--	250	--	Z	U	121CKKD	010335
--	-	8	70	--	--	620	--	W	I	121CKKD	010336
--	-	--	30	--	--	--	--	Z	U	121CKKD	010337
46	S	4	75	5	05-00-1953	80	--	W	I	121CKKD	010338
--	-	4	75	5.11	07-11-1984	--	--	W	I	121CKKD	010339
--	-	--	35	--	--	--	--	Z	U	121CKKD	010341
90	S	3	45	--	--	--	--	U	U	121CKKD	010342
--	-	--	25	--	--	--	--	Z	U	121CKKD	010343
20	S	2	29.3	5.24	09-09-1975	--	--	Z	U	121CKKD	010344
--	-	--	30	--	--	--	--	Z	U	121CKKD	010345
--	-	--	40	--	--	--	--	Z	U	121CKKD	010346
--	-	--	30	--	--	--	--	Z	U	121CKKD	010347
15	S	2	50.1	3.01	06-28-1975	--	--	U	U	121CKKD	010348
150	S	2	58.8	2.95	09-08-1975	--	--	U	U	121CKKD	010349
25	S	4	58.3	3.03	09-08-1975	--	--	Z	U	121CKKD	010350
22	S	2	38.9	3.60	09-08-1975	--	--	Z	U	121CKKD	010351
25	S	2	54	6.33	09-08-1975	--	--	U	U	121CKKD	010352
71	R	20	10	8	04-00-1962	525	11	W	P	121CKKD	010353
95	S	4	25	18	02-00-1953	30	5	U	U	121CKKD	010354
252	L	24, 18, 16, 12	10	6	12-03-1959	904	11	C	U	121CKKD	010355
258	L	24, 18, 12	10	2	12-02-1959	904	15	W	C	121CKKD	010356
158	S	6	25	18	00-00-1952	200	12	W	I	121CKKD	010357
186	L	18, 12, 8	10	10	07-23-1959	524	12	R	U	121CKKD	010358
183	L	18, 12, 8	10	6	08-21-1959	524	15	R	U	121CKKD	010359
165	S	10	20	18	04-03-1953	300	8	WW	I	121CKKD	010360
165	S	10	30	18	09-28-1953	300	8	W	I	121CKKD	010361
146	S	20, 12	20	14.2	04-28-1965	1000	22	W	P	121CKKD	010362
115	S	6	30	19	07-00-1948	200	25	Z	U	121CKKD	010363
--	-	6	20	--	--	1000	--	Z	I	121CKKD	010364
--	-	4	30	--	--	500	--	W	I	121CKKD	010365
803	S	6	5	-14	02-00-1895	180	--	Z	U	122KRKDL	010366
800	S	18, 12, 10, 8 ⁶	10	74	03-05-1948	725	26	W	P	122KRKDL	010367
805	S	18, 10, 8 ⁶	10	64	08-03-1940	517	16	W	P	122KRKDL	010368
810	L	24, 18, 12, 8	10	80	11-29-1968	1010	13	W	P	122KRKDL	010369
798	L	12, 8	10	74	06-29-1962	1000	22	W	P	122KRKDL	010370
--	-	15	10	--	--	650	--	Z	U	122KRKDL	010371

Footnotes at end of table.

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

USGS well number	Site identification	Latitude (degrees)	Longitude (degrees)	Owner	Dste of well construc-tion	Contrsctor	Depth drilled (feet)	Depth of well (feet)	Top of open intervsl (feet)
ATLANTIC COUNTY--Continued									
010372	391933074305801	391932	0743059	MARGATE CITY WD	1963	LAYNE NY	810	803	760
010373	391935074305901	391935	0743059	MARGATE CITY WD	1926	--	--	805	--
010374	391939074305801	391939	0743058	MARGATE CITY WD	1945	LAYNE NY	810	810	750
010375	392003074301101	392002	0743012	MARGATE CITY WD	1955	LAYNE NY	810	797	745
010376	392003074301102	392008	0743017	MARGATE CITY WD	1958	LAYNE NY	800	791	741
010377	39333107442501	393333	074427	SCHOLLER BROTHERS	1957	SCHULTES, AC	176	176	155
010378	393359074405501	393359	0744056	FRANCESCHINI, R	1967	DELMARVA	184	176	36
010379	393439074392301	393439	0743923	HARRIS, M K	1948	PANCIERA, EE	62	62	55
010380	393445074424301	393445	0744243	LOZZOREU, F J	1952	KOBELO, F	72	72	67
010381	393447074423801	393450	0744230	BROWN, G	1954	KOBELO, F	51	51	43
010382	393452074431201	393401	0744303	MULLICA TWP	1969	LAYNE NY	185	154	133
010383	393459074424701	393447	0744245	MULLICA TWP BD OF ED	1954	MCGINNIS, E	80	80	72
010384	393554074411901	393554	0744119	ATLANTIC LOADING CO	1918	HARPER	951	950	--
010385	393556074411601	393556	0744116	AMATOL	1918	STOTHOFF	348	348	318
010386	393557074411101	393557	0744111	AMATOL	1918	PFEIFFER	326	326	240
010387	393557074411401	393557	0744114	RAMBERG, RALPH	1918	PFEIFFER	138	136	--
010388	393605074445901	393604	0744459	NJ STATE POLICE	1958	--	--	108	97
010389	393616074372801	393616	0743728	BLOOD, EDWARD	1953	KOBELO, F	--	61	54
010390	393626074453801	393626	0744538	G K HEEBNER CO	1956	ARTESIAN	117	111	84
010391	393649074374801	393638	0743808	SHUSKIE	1951	PANCIERA, EE	91	91	84
010392	393649074374901	393637	0743614	OLSON, ENOCH	1951	--	--	91	84
010394	393720074373101	393720	0743731	EDDLESTON, DAN	1927	--	--	112	--
010395	393722074372801	393722	0743728	BROOM	1956	CAPELLA, F	--	101	--
010396	393725074371901	393725	0743719	BREGLER, E G	1956	KOBELO, F	115	115	115
010397	393729074390601	393729	0743906	NEALY, ROBERT	1946	--	--	93	--
010398	393734074392001	393734	0743920	FIOCCHI	1951	PANCIERA, EE	86	86	86
010399	393736074391601	393736	0743916	BIRDSALL, CLYDE	1947	--	--	95	95
010400	393738074390001	393738	0743900	HANUS	1936	--	--	87	--
010401	393739074385701	393737	0743859	PATTON, MARK	1934	--	--	85	--
010402	393741074385601	393738	0743858	COJA, ANTHONY	--	--	--	85	83
010403	393742074385701	393740	0743857	WIMBERG, N	1936	MCGINNIS	--	85	83
010404	393742074385801	393741	0743859	CLAY, B	1948	--	--	--	--
010405	393743074385701	393743	0743859	PLEASANT MILLS COMMUNITY	1929	--	--	67	--
010406	393750074393001	393753	0743936	TULLY, MARTIN J	1956	RODIO	--	44	39
010407	393752074393001	393755	0743937	MCDERMOTT, CHARLES	1952	--	--	28	--
010408	393805074393801	393804	0743938	BLANCHET, T	--	--	--	48	--
010409	393813074393301	393811	0743944	STETSER	1892	--	--	48	--
010410	393813074393901	393813	0743939	PAX AMICUS	1873	--	--	48	--
010411	393815074413301	393815	0744133	RODRIGUEZ, A	1957	MCGINNIS	--	105	--
010412	393816074393901	393816	0743939	WATT, C	1956	--	--	110	107
010413	393821074394101	393821	0743940	HORNER, KATHLEEN	--	--	--	39	36
010414	393831074394401	393828	0743944	US GEOLOGICAL SURVEY	1956	--	--	49	--
010415	393848074393501	393847	0743935	US GEOLOGICAL SURVEY	1969	--	--	--	--
010416	393913074393401	393912	0743935	US GEOLOGICAL SURVEY	--	--	--	--	--
010417	393916074403901	393916	0744039	US GEOLOGICAL SURVEY	1956	--	--	99	--
010418	393938074393601	393938	0743936	US GEOLOGICAL SURVEY	1956	--	--	99	--
010419	393943074410901	393943	0744109	STATE OF NJ	1975	--	25	15	10
010420	393946074412601	393946	0744126	US GEOLOGICAL SURVEY	1956	--	--	99	--
010421	393959074394201	393959	0743942	US GEOLOGICAL SURVEY	1956	--	--	99	--
010422	394022074395501	394023	0743956	US GEOLOGICAL SURVEY	1956	--	--	27	24
010423	394022074395502	394023	0743956	US GEOLOGICAL SURVEY	1956	--	--	100	94
010424	394023074395601	394024	0743956	US GEOLOGICAL SURVEY	1956	--	--	25	22
010425	394023074395602	394024	0743956	US GEOLOGICAL SURVEY	1956	--	--	50	47
010426	394023074395603	394024	0743956	US GEOLOGICAL SURVEY	1956	--	--	102	95
010427	394023074395901	394023	0743959	US GEOLOGICAL SURVEY	1956	--	--	25	22
010428	394023074395902	394023	0743959	US GEOLOGICAL SURVEY	1956	--	--	51	47
010429	394023074395903	394023	0743959	US GEOLOGICAL SURVEY	1956	--	--	99	93
010430	394023074400101	394023	0744001	US GEOLOGICAL SURVEY	1956	--	--	27	24
010431	394023074400102	394023	0744001	US GEOLOGICAL SURVEY	1956	--	--	51	48
010432	394023074400103	394023	0744001	US GEOLOGICAL SURVEY	1956	--	--	101	95

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

Bottom of open interval (feet)	Type of openings ¹	Diameter of casing (inches)	Altitude of land surface (feet)	Water level (feet)	Date of water-level measurement	Discharge (gallons per minute)	Specific capacity (gallons per minute per foot)	Primary use of site ²	Primary use of water ³	Aquifer code ⁴	USGS well number
ATLANTIC COUNTY--Continued											
800	L	18, 12, 8	10	68	06-13-1963	800	13	W	P	122KRKDL	010372
--	-	8	10	--	--	400	--	Z	U	122KRKDL	010373
800	S	12, 8	10	53	12-13-1945	770	17	Z	U	122KRKDL	010374
795	L	12, 8	10	71	06-28-1955	700	18	W	P	122KRKDL	010375
791	L	12, 8	10	73	08-28-1958	700	15	W	P	122KRKDL	010376
176	S	12, 8	95	32	00-00-1957	305	8	W	N	121CKKD	010377
176	S	17	75	4	02-10-1967	868	35	W	I	121CKKD	010378
62	S	3	70	10	06-00-1948	10	--	Z	U	121CKKD	010379
72	S	2	100	13	01-00-1952	24	2	Z	U	121CKKD	010380
51	S	2	95	21	02-00-1954	20	--	Z	U	121CKKD	010381
153	L	8	95	25	04-13-1969	503	7	W	U	121CKKD	010382
80	S	5	95	26	06-00-1954	20	5	W	T	121CKKD	010383
--	-	--	70	--	--	--	--	Z	U	211MLRW	010384
348	S	--	70	28	00-00-1918	75	--	Z	U	121CKKD	010385
265	S	--	60	11	10-19-1961	12	--	Z	U	121CKKD	010386
--	-	8, 6	60	2	12-24-1961	240	5	O	U	121CKKD	010387
108	S	6	95	23	10-17-1958	200	4	W	H	121CKKD	010388
61	S	4, 2	30	8	05-00-1953	24	1	Z	U	121CKKD	010389
111	S	8	90	18	00-00-1956	350	14	Z	U	121CKKD	010390
91	S	3	35	15	03-00-1951	30	--	W	H	121CKKD	010391
91	S	3	35	15	00-00-1951	30	2	W	U	121CKKD	010392
--	-	3	5	-19	00-00-1927	30	--	Z	U	121CKKD	010394
--	-	3	10	-16	00-00-1956	16	--	Z	U	121CKKD	010395
--	Z	2	10	--	--	25	--	Z	U	121CKKD	010396
--	-	3	10	-9	00-00-1946	26	--	Z	U	121CKKD	010397
--	Z	3	15	--	--	5	--	W	H	121CKKD	010398
--	Z	3	10	-7	08-25-1956	90	--	W	H	121CKKD	010399
--	-	3	10	--	--	80	--	Z	U	121CKKD	010400
--	-	3	5	--	--	80	--	W	H	121CKKD	010401
85	Z	3	5	--	--	5	--	U	U	121CKKD	010402
85	Z	3	5	17	00-00-1936	80	--	U	U	121CKKD	010403
--	-	2	5	-17	00-00-1948	60	--	Z	U	121CKKD	010404
--	-	2	5	-17	09-00-1929	80	--	U	U	121CKKD	010405
44	S	2	10	8	06-00-1956	--	--	W	H	121CKKD	010406
--	-	1.25	10	--	--	--	--	Z	U	121CKKD	010407
--	-	2	15	--	--	--	--	W	H	121CKKD	010408
--	-	2	10	--	--	--	--	W	H	121CKKD	010409
--	-	--	10	--	--	124	--	W	H	121CKKD	010410
110	T	1	10	--	--	--	--	W	H	121CKKD	010411
39	S	1	15	--	--	--	--	Z	U	121CKKD	010413
--	-	1.5	10	9	00-00-1956	--	--	Z	U	121CKKD	010414
--	-	--	5	--	--	--	--	Z	U	121CKKD	010415
--	-	--	5	--	--	--	--	Z	U	121CKKD	010416
--	-	--	20	--	--	--	--	Z	U	121CKKD	010417
--	-	--	10	--	--	--	--	Z	U	121CKKD	010418
15	S	2	22.1	2.93	09-08-1975	--	--	Z	U	121CKKD	010419
--	-	--	25	5	00-00-1956	--	--	Z	U	121CKKD	010420
--	-	--	15	6	00-00-1956	--	--	Z	U	121CKKD	010421
27	S	1.25	20	4	01-00-1957	--	--	U	U	121CKKD	010422
100	S	1.25	20	4	01-00-1957	--	--	U	U	121CKKD	010423
25	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010424
50	S	1.25	20	4	01-00-1957	--	--	U	U	121CKKD	010425
102	S	1.25	20	4	01-00-1957	--	--	U	U	121CKKD	010426
25	S	1.25	20	4	01-00-1957	--	--	U	U	121CKKD	010427
51	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010428
99	S	1.25	20	4	01-00-1957	--	--	Z	U	121CKKD	010429
27	S	1.25	20	6	07-00-1957	--	--	U	U	121CKKD	010430
51	S	1.25	20	6	07-00-1957	--	--	U	U	121CKKD	010431
101	S	1.25	20	6	07-00-1957	--	--	U	U	121CKKD	010432

Footnotes at end of table.

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

USGS well number	Site identification	Latitude (degrees)	Longitude (degrees)	Owner	Date of well construction	Contractor	Depth drilled (feet)	Depth of well (feet)	Top of open interval (feet)
ATLANTIC COUNTY--Continued									
010433	394024074395501	394024	0743955	US GEOLOGICAL SURVEY	1956	--	--	99	--
010434	394024074400101	394025	0744001	US GEOLOGICAL SURVEY	1956	--	--	27	24
010435	394024074400102	394025	0744001	US GEOLOGICAL SURVEY	1956	--	--	51	48
010436	394024074400103	394025	0744001	US GEOLOGICAL SURVEY	1956	--	--	99	93
010437	394025074395701	394026	0743957	US GEOLOGICAL SURVEY	1956	--	--	25	22
010438	394025074395702	394026	0743957	US GEOLOGICAL SURVEY	1956	--	--	50	47
010439	394025074395703	394026	0743957	US GEOLOGICAL SURVEY	1956	--	--	98	92
010440	394025074395801	394025	0743958	US GEOLOGICAL SURVEY	1956	--	--	26	23
010441	394025074395802	394025	0743958	US GEOLOGICAL SURVEY	1956	--	--	51	48
010442	394025074395803	394025	0743958	US GEOLOGICAL SURVEY	1956	--	--	99	93
010443	394025074395901	394025	0743959	US GEOLOGICAL SURVEY	1956	--	--	26	23
010444	394025074395902	394025	0743959	US GEOLOGICAL SURVEY	1956	--	--	53	50
010445	394025074395903	394025	0743959	US GEOLOGICAL SURVEY	1956	--	--	103	96
010446	394026074395501	394026	0743955	US GEOLOGICAL SURVEY	1956	--	--	21	20
010447	394026074395502	394026	0743955	US GEOLOGICAL SURVEY	1956	--	--	45	44
010448	394026074395503	394026	0743955	US GEOLOGICAL SURVEY	1956	--	--	94	93
010449	394026074395701	394026	0743957	US GEOLOGICAL SURVEY	1956	--	--	27	24
010450	394026074395702	394026	0743957	US GEOLOGICAL SURVEY	1956	--	--	51	48
010451	394026074395703	394026	0743957	US GEOLOGICAL SURVEY	1956	--	--	103	97
010452	394026074395801	394026	0743958	US GEOLOGICAL SURVEY	1956	--	--	26	23
010453	394026074395802	394026	0743958	US GEOLOGICAL SURVEY	1956	--	--	50	47
010454	394026074395803	394026	0743958	US GEOLOGICAL SURVEY	1956	--	--	101	95
010458	394027074395604	394027	0743956	US GEOLOGICAL SURVEY	1956	--	--	25	22
010459	394027074395605	394027	0743956	US GEOLOGICAL SURVEY	1956	--	--	50	47
010460	394027074395606	394027	0743956	US GEOLOGICAL SURVEY	1956	--	--	99	93
010461	394027074395701	394027	0743957	US GEOLOGICAL SURVEY	1956	--	--	25	22
010462	394027074395702	394027	0743957	US GEOLOGICAL SURVEY	1956	--	--	50	47
010463	394027074395703	394027	0743957	US GEOLOGICAL SURVEY	1956	--	--	103	97
010464	394027074395801	394027	0743958	US GEOLOGICAL SURVEY	1956	--	--	25	22
010465	394027074395802	394027	0743958	US GEOLOGICAL SURVEY	1956	--	--	50	47
010466	394027074395803	394027	0743958	US GEOLOGICAL SURVEY	1956	--	--	99	93
010467	394027074395901	394027	0743959	US GEOLOGICAL SURVEY	1956	--	--	26	23
010468	394027074395902	394027	0743959	US GEOLOGICAL SURVEY	1956	--	--	48	45
010469	394027074395903	394027	0743959	US GEOLOGICAL SURVEY	1956	--	--	100	94
010470	394027074400201	394027	0744002	US GEOLOGICAL SURVEY	1956	--	--	24	21
010471	394027074400202	394027	0744002	US GEOLOGICAL SURVEY	1956	--	--	50	47
010472	394027074400203	394027	0744002	US GEOLOGICAL SURVEY	1956	--	--	102	96
010473	394027074405601	394027	0743956	US GEOLOGICAL SURVEY	1956	--	--	20	18
010474	394027074405602	394027	0743956	US GEOLOGICAL SURVEY	1956	--	--	45	42
010475	394027074405603	394027	0743956	US GEOLOGICAL SURVEY	1956	--	--	94	88
010476	394028074395601	394028	0743956	US GEOLOGICAL SURVEY	1956	--	--	21	19
010477	394028074395602	394028	0743956	US GEOLOGICAL SURVEY	1956	--	--	46	45
010478	394028074395603	394028	0743956	US GEOLOGICAL SURVEY	1956	--	--	95	93
010479	394028074395701	394028	0743957	US GEOLOGICAL SURVEY	1956	--	--	25	22
010480	394028074395702	394028	0743957	US GEOLOGICAL SURVEY	1956	--	--	50	47
010481	394028074395703	394028	0743957	US GEOLOGICAL SURVEY	1956	--	--	98	92
010482	394028074395704	394028	0743957	US GEOLOGICAL SURVEY	1956	--	--	20	17
010483	394028074395705	394028	0743957	US GEOLOGICAL SURVEY	1956	--	--	44	41
010484	394028074395706	394028	0743957	US GEOLOGICAL SURVEY	1956	--	--	97	91
010485	394028074395801	394028	0743958	US GEOLOGICAL SURVEY	1956	--	--	25	22
010486	394028074395802	394028	0743958	US GEOLOGICAL SURVEY	1956	--	--	50	47
010487	394028074395803	394028	0743958	US GEOLOGICAL SURVEY	1956	--	--	102	94
010488	394028074395804	394028	0743958	US GEOLOGICAL SURVEY	1957	--	--	9	8
010489	394028074400001	394028	0744000	US GEOLOGICAL SURVEY	1959	--	--	120	--
010490	394029074395608	394029	0743956	US GEOLOGICAL SURVEY	1957	--	--	4	3
010491	394029074395700	394029	0743957	US GEOLOGICAL SURVEY	1957	--	--	95	94
010492	394029074395701	394029	0743957	US GEOLOGICAL SURVEY	1957	--	--	26	23
010493	394029074395702	394029	0743957	US GEOLOGICAL SURVEY	1957	--	--	52	49
010494	394029074395703	394029	0743957	US GEOLOGICAL SURVEY	1957	--	--	99	93
010495	394029074395704	394029	0743957	US GEOLOGICAL SURVEY	1957	--	--	9	8

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

Bottom of open interval (feet)	Type of openings ¹	Diameter of casing (inches)	Altitude of land surface (feet)	Water level (feet)	Date of water-level measurement	Discharge (gallons per minute)	Specific capacity (gallons per minute per foot)	Primary use of site ²	Primary use of water ³	Aquifer code ⁴	USGS well number
ATLANTIC COUNTY--Continued											
..	.	..	20	--							
27	S	1.25	20	4	01-00-1957	--	--	Z	U	121CKKD	010433
51	S	1.25	20	4	01-00-1957	--	--	Z	U	121CKKD	010434
99	S	1.25	20	4	01-00-1957	--	--	Z	U	121CKKD	010435
25	S	1.25	20	4	01-00-1957	--	--	U	U	121CKKD	010436
50	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010438
98	S	1.25	20	4	01-00-1957	--	--	U	U	121CKKD	010439
26	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010440
51	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010441
99	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010442
26	S	1.25	20	4	01-00-1957	--	--	U	U	121CKKD	010443
53	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010444
103	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010445
21	S	1.25	15	-1	04-00-1957	--	--	U	U	121CKKD	010446
45	S	1.25	15	-1	04-00-1957	--	--	U	U	121CKKD	010447
94	S	1.25	15	-1	04-00-1957	--	--	U	U	121CKKD	010448
27	S	1.25	20	4	01-00-1957	--	--	Z	U	121CKKD	010449
51	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010450
103	S	1.25	20	7	01-00-1957	--	--	U	U	121CKKD	010451
26	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010452
50	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010453
101	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010454
25	S	1.25	15	5	01-00-1957	--	--	U	U	121CKKD	010458
50	S	1.25	15	-2	01-00-1957	--	--	U	U	121CKKD	010459
99	S	1.25	15	-1	01-00-1957	--	--	U	U	121CKKD	010460
25	S	1.25	20	4	01-00-1957	--	--	U	U	121CKKD	010461
50	S	1.25	20	4	01-00-1957	--	--	U	U	121CKKD	010462
103	S	1.25	20	4	01-00-1957	--	--	U	U	121CKKD	010463
25	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010464
50	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010465
99	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010466
26	S	1.25	20	5	01-00-1957	--	--	Z	U	121CKKD	010467
48	S	1.25	20	5	01-00-1957	--	--	Z	U	121CKKD	010468
100	S	1.25	20	5	01-00-1957	--	--	Z	U	121CKKD	010469
24	S	1.25	20	4	01-00-1957	--	--	Z	U	121CKKD	010470
50	S	1.25	20	5	01-00-1957	--	--	Z	U	121CKKD	010471
102	S	1.25	20	5	01-00-1957	--	--	Z	U	121CKKD	010472
20	S	1.25	15	-1	04-00-1957	--	--	Z	U	121CKKD	010473
45	S	1.25	15	-2	04-00-1957	--	--	Z	U	121CKKD	010474
94	S	1.25	15	-2	04-00-1957	--	--	Z	U	121CKKD	010475
21	S	1.25	15	-2	04-00-1957	--	--	Z	U	121CKKD	010476
46	S	1.25	15	-3	04-00-1957	--	--	Z	U	121CKKD	010477
95	S	1.25	15	-3	04-00-1957	--	--	Z	U	121CKKD	010478
25	S	1.25	20	4	04-00-1957	--	--	Z	U	121CKKD	010479
50	S	1.25	20	4	01-00-1957	--	--	Z	U	121CKKD	010480
98	S	1.25	20	4	01-00-1957	--	--	U	U	121CKKD	010481
20	S	1.25	20	4	01-00-1957	--	--	U	U	121CKKD	010482
44	S	1.25	20	-3	01-00-1957	--	--	U	U	121CKKD	010483
97	S	1.25	20	-2	01-00-1957	--	--	U	U	121CKKD	010484
25	S	1	20	5	01-00-1957	--	--	U	U	121CKKD	010485
50	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010486
102	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010487
9	S	1.25	20	5	12-00-1958	--	--	U	U	121CKKD	010488
--	-	1	20	--	--	--	--	Z	U	121CKKD	010489
4	S	1.25	15	1	12-00-1958	--	--	Z	U	121CKKD	010490
95	S	1.25	15	2	04-00-1957	--	--	U	U	121CKKD	010491
26	S	1.25	20	2	07-00-1957	--	--	U	U	121CKKD	010492
52	S	1.25	20	3	07-00-1957	--	--	U	U	121CKKD	010493
99	S	1.25	20	2	07-00-1957	--	--	Z	U	121CKKD	010494
9	S	1.25	20	2	12-00-1958	--	--	Z	U	121CKKD	010495

Footnotes at end of table.

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

USGS Well number	Site identification	Latitude (degrees)	Longitude (degrees)	Owner	Date of well construc- tion	Contractor	Depth drilled (feet)	Depth of well (feet)	Top of open interval (feet)
ATLANTIC COUNTY--Continued									
010496	394029074395705	394029	0743957	US GEOLOGICAL SURVEY	1957	--	--	51	48
010497	394029074395706	394029	0743957	US GEOLOGICAL SURVEY	1956	--	--	102	96
010498	394029074395708	394029	0743957	US GEOLOGICAL SURVEY	1957	--	--	21	20
010499	394029074395709	394029	0743957	US GEOLOGICAL SURVEY	1956	--	--	46	45
010500	394029074395803	394028	0743959	US GEOLOGICAL SURVEY	--	--	--	82	--
010501	394029074395901	394029	0743959	US GEOLOGICAL SURVEY	1956	--	--	25	22
010502	394029074395902	394029	0743959	US GEOLOGICAL SURVEY	1956	--	--	50	47
010503	394029074395903	394029	0743959	US GEOLOGICAL SURVEY	1956	--	--	99	91
010504	394029074395904	394029	0743959	US GEOLOGICAL SURVEY	1957	--	--	9	8
010505	394029074400001	394029	0744000	US GEOLOGICAL SURVEY	1956	--	--	24	21
010506	394029074400002	394029	0744000	US GEOLOGICAL SURVEY	1956	--	--	51	48
010507	394029074400003	394029	0744000	US GEOLOGICAL SURVEY	1956	--	--	97	91
010508	394029074400004	394029	0744000	US GEOLOGICAL SURVEY	1956	--	--	9	8
010509	394029074400201	394029	0744002	US GEOLOGICAL SURVEY	1956	--	--	24	21
010510	394029074400202	394029	0744002	US GEOLOGICAL SURVEY	1956	--	--	50	47
010511	394029074400203	394029	0744002	US GEOLOGICAL SURVEY	1956	--	--	103	97
010512	394029074400204	394029	0744002	US GEOLOGICAL SURVEY	1957	--	--	3	2
010513	394030074395801	394030	0743958	US GEOLOGICAL SURVEY	1956	--	--	25	22
010514	394030074395802	394030	0743958	US GEOLOGICAL SURVEY	1956	--	--	50	47
010515	394030074395803	394030	0743958	US GEOLOGICAL SURVEY	1956	--	--	97	91
010516	394030074395901	394030	0743959	US GEOLOGICAL SURVEY	1956	--	--	26	23
010517	394030074395902	394030	0743959	US GEOLOGICAL SURVEY	1956	--	--	51	48
010518	394030074395903	394030	0743959	US GEOLOGICAL SURVEY	1956	--	--	100	92
010519	394030074400201	394030	0744002	US GEOLOGICAL SURVEY	1956	--	--	25	22
010520	394030074400202	394030	0744002	US GEOLOGICAL SURVEY	1956	--	--	50	47
010521	394030074400203	394030	0744002	US GEOLOGICAL SURVEY	1956	--	--	102	96
010522	394031074395801	394031	0743958	US GEOLOGICAL SURVEY	1956	--	--	26	23
010523	394031074395802	394031	0743958	US GEOLOGICAL SURVEY	1956	--	--	51	48
010524	394031074395803	394031	0743958	US GEOLOGICAL SURVEY	1956	--	--	99	92
010525	394031074395901	394031	0743959	US GEOLOGICAL SURVEY	1956	--	--	27	24
010526	394031074395902	394031	0743959	US GEOLOGICAL SURVEY	1956	--	--	50	47
010527	394031074395903	394031	0743959	US GEOLOGICAL SURVEY	1956	--	--	100	92
010528	394031074400001	394031	0744000	US GEOLOGICAL SURVEY	1956	--	--	25	22
010529	394031074400002	394031	0744000	US GEOLOGICAL SURVEY	1956	--	--	50	47
010530	394031074400003	394031	0744000	US GEOLOGICAL SURVEY	1956	--	--	101	95
010531	394032074395901	394032	0743959	US GEOLOGICAL SURVEY	1956	--	--	25	22
010532	394032074395902	394032	0743959	US GEOLOGICAL SURVEY	1956	--	--	50	47
010533	394032074395903	394032	0743959	US GEOLOGICAL SURVEY	1956	--	--	102	100
010534	394032074400301	394032	0744003	US GEOLOGICAL SURVEY	1957	--	--	25	23
010535	394032074400302	394032	0744003	US GEOLOGICAL SURVEY	1957	--	--	51	48
010536	394032074400303	394032	0744003	US GEOLOGICAL SURVEY	1957	--	--	103	97
010537	394032074400304	394032	0744003	US GEOLOGICAL SURVEY	1957	--	--	9	8
010538	394033074395801	394033	0743958	US GEOLOGICAL SURVEY	1957	--	--	21	18
010539	394033074395802	394033	0743958	US GEOLOGICAL SURVEY	1957	--	--	49	46
010540	394033074395803	394033	0743958	US GEOLOGICAL SURVEY	1957	--	--	97	91
010541	394033074400101	394032	0744001	US GEOLOGICAL SURVEY	--	--	--	--	--
010542	394036074400101	394028	0744000	US GEOLOGICAL SURVEY	1959	LAUMAN, CW	125	76	66
010543	394038074395807	394029	0743957	US GEOLOGICAL SURVEY	1957	--	--	202	196
010544	394048074400401	394048	0744004	US GEOLOGICAL SURVEY	1956	--	--	99	--
010545	394058074402201	394058	0744022	US GEOLOGICAL SURVEY	1957	US GEOL SURV	--	23	23
010546	394109074402201	394109	0744022	US GEOLOGICAL SURVEY	1956	--	--	119	--
010547	392133074332301	392238	0743238	SCHERER, FRED	1952	MCGINNIS, E	144	144	127
010548	392138074334801	392138	0743348	MARAD, N	1953	WILLIAMS, J	63	63	58
010549	392158074331701	392157	0743317	NJ/AMERICAN WC	1949	LAYNE NY	152	152	117
010550	392205074343101	392205	0743431	MATHOT, M	1954	WILLIAMS, J	63	63	57
010551	392210074331401	392209	0743310	CARNEY, W	1953	WILLIAMS, J	52	52	47
010552	392225074332201	392225	0743322	ATLANTIC REFINING	1958	HAUSER, GUS	104	104	90
010553	392240074322501	392240	0743225	ATLANTIC COUNTY HOSPITAL	--	--	--	147	111
010554	392240074322502	392239	0743223	ATLANTIC COUNTY HOSPITAL	1965	LAYNE NY	150	141	115
010555	392255074300101	392308	0743027	RIEFF FUEL CORP	1941	--	--	225	--

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

Bottom of open interval (feet)	Type of openings ¹	Diameter of casing (inches)	Altitude of land surface (feet)	Water level (feet)	Date of water-level measurement	Discharge (gallons per minute)	Specific capacity (gallons per minute per foot)	Primary use of site ²	Primary use of water ³	Aquifer code ⁴	USGS well number
ATLANTIC COUNTY--Continued											
51	S	1.25	20	4	12-00-1957	--	--	U	U	121CKKD	010496
101	SS	1.25	20	1	12-00-1957	--	--	U	U	121CKKD	010497
21	SS	1.25	15		04-00-1957	--	--	U	U	121CKKD	010498
46	S	1.25	15	2	04-00-1957	--	--	U	U	121CKKD	010499
--	-	12	20	5.86	05-25-1984	--	--	U	U	121CKKD	010500
25	S	1.25	20	4	01-00-1957	--	--	U	U	121CKKD	010501
50	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010502
99	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010503
9	S	1.25	20	6	12-00-1958	--	--	U	U	121CKKD	010504
24	S	1.25	20	6	01-00-1957	--	--	U	U	121CKKD	010505
51	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010506
97	SS	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010507
9	SS	1.25	20	6	01-00-1957	--	--	U	U	121CKKD	010508
24	SS	1.25	20	6	01-00-1957	--	--	U	U	121CKKD	010509
50	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010510
103	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010511
3	SS	1.25	20	5	03-00-1958	--	--	U	U	121CKKD	010512
25	S	1.25	20	1	01-00-1957	--	--	U	U	121CKKD	010513
50	SS	1.25	20	1	01-00-1957	--	--	U	U	121CKKD	010514
97	S	1.25	20	2	01-00-1957	--	--	U	U	121CKKD	010515
26	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010516
51	S	1.25	20	7	01-00-1957	--	--	U	U	121CKKD	010517
100	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010518
25	SS	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010519
50	S	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010520
102	SS	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010521
26	SS	1.25	20	2	01-00-1957	--	--	U	U	121CKKD	010522
51	SS	1.25	20	1	01-00-1957	--	--	U	U	121CKKD	010523
99	SS	1.25	20	1	01-00-1957	--	--	U	U	121CKKD	010524
27	S	1.25	20	3	01-00-1957	--	--	U	U	121CKKD	010525
50	S	1.25	20	3	01-00-1957	--	--	U	U	121CKKD	010526
100	SS	1.25	20	3	01-00-1957	--	--	U	U	121CKKD	010527
25	SS	1.25	20	6	01-00-1957	--	--	U	U	121CKKD	010528
50	S	1.25	20	6	01-00-1957	--	--	U	U	121CKKD	010529
101	S	1.25	20	6	01-00-1957	--	--	U	U	121CKKD	010530
25	S	1.25	20	4	01-00-1957	--	--	U	U	121CKKD	010531
50	SS	1.25	20	4	01-00-1957	--	--	U	U	121CKKD	010532
102	SS	1.25	20	3	01-00-1957	--	--	U	U	121CKKD	010533
25	SS	1.25	20	5	01-00-1957	--	--	U	U	121CKKD	010534
51	S	1.25	20	6	01-00-1957	--	--	U	U	121CKKD	010535
103	S	1.25	20	7	01-00-1957	--	--	U	U	121CKKD	010536
9	SS	1.25	20	1	12-00-1958	--	--	U	U	121CKKD	010537
21	SS	1.25	20	2	07-00-1957	--	--	U	U	121CKKD	010538
49	SS	1.25	20	2	07-00-1957	--	--	U	U	121CKKD	010539
97	S	1.25	20	2	07-00-1957	--	--	U	U	121CKKD	010540
--	-	--	20	--	--	--	--	Z	U	121CKKD	010541
76	S	8	20	2	09-00-1960	--	--	Z	U	121CKKD	010542
202	S	1.25	20	4	11-00-1957	--	--	Z	U	121CKKD	010543
--	-	--	20	14	00-00-1956	--	--	Z	U	121CKKD	010544
--	Z	8	20	6.75	05-21-1957	--	--	U	U	121CKKD	010545
--	-	--	20	12	00-00-1956	--	--	Z	U	121CKKD	010546
144	SS	4	30	12	09-00-1952	100	17	Z	H	121CKKD	010547
63	SS	2	30	20	08-00-1953	10	5	Z	H	121CKKD	010548
152	SS	10	25	15	06-00-1949	620	30	Z	P	121CKKD	010549
63	S	2	10	12	07-00-1954	10	2	Z	U	121CKKD	010550
52	S	2	30	22	05-00-1953	6	2	W	H	121CKKD	010551
104	S	6	30	17	06-00-1958	40	2	Z	U	121CKKD	010552
142	S	16,6	30	25	09-14-1965	314	10	Z	U	121CKKD	010553
140	L	8	30	22	08-27-1965	302	27	Z	U	121CKKD	010554
--	-	--	5	--	--	--	--	W	A	121CKKD	010555

Footnotes at end of table.

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

USGS well number	Site identification	Latitude (degrees)	Longitude (degrees)	Owner	Date of well construction	Contractor	Depth drilled (feet)	Depth of well (feet)	Top of open interval (feet)
ATLANTIC COUNTY--Continued									
010556	392324074320901	392333	0743213	GROVES, FRED	1952	ARTESIAN	122	116	106
010557	392327074315201	392327	0743203	ANTLERS TRAILER PARK	1953	MCGINNIS, E	139	139	130
010559	392405074314901	392410	0743144	NJ/AMERICAN WC	1948	LAYNE NY	161	161	127
010560	392418074305501	392420	0743053	HAUKINS, L	1958	ADKISSON, C	97	97	92
010562	392432074302301	392441	0743011	PRICE, L	1954	MCGINNIS, E	98	98	90
010563	392432074311301	392432	0743113	NJ/AMERICAN WC	1932	KELLY CO	110	109	48
010564	392433074303301	392437	0743034	ATLANTIC CITY MUA	1930	LAYNE NY	116	97	67
010565	392433074304701	392438	0743048	ATLANTIC CITY MUA	1950	LAYNE NY	680	668	610
010566	392436074303501	392434	0743032	ATLANTIC CITY MUA	1925	--	--	565	--
010567	392436074303701	392440	0743035	ATLANTIC CITY MUA	1930	LAYNE NY	252	208	178
010568	392448074302801	392448	0743028	ATLANTIC CITY MUA	1961	LAYNE NY	670	636	583
010569	392444074311801	392442	0743051	ATLANTIC CITY MUA	1930	LAYNE NY	110	90	60
010570	392446074303801	392445	0743033	ATLANTIC CITY MUA	1925	LAYNE NY	689	666	606
010571	392447074303301	392437	0743038	ATLANTIC CITY MUA	1930	LAYNE NY	131	100	70
010572	392447074303401	392444	0743034	ATLANTIC CITY MUA	1968	LAYNE NY	118	105	75
010573	392508074303401	392510	0743033	ATLANTIC CITY MUA	1930	LAYNE NY	100	92	62
010574	392508074303402	392510	0743031	ATLANTIC CITY MUA	1930	LAYNE NY	211	195	160
010575	392532074311201	392548	0743119	ATLANTIC CITY MUA	1928	COYLE, DANIEL	195	195	145
010576	391819074370401	391819	0743704	NJ HIGHWAY AUTHORITY	1963	SCHULTES, AC	181	181	168
010577	391825074361801	391825	0743618	HOHMAN, J T	1954	WILLIAMS, J	60	60	54
010578	391827074371001	391826	0743709	US GEOLOGICAL SURVEY	1959	LAUMAN, CW	1000	680	670
010579	391834074355101	391855	0743531	HARBOR MEDICAL INC	1951	HAUSER, GUS	35	31	25
010580	391856074361201	391856	0743612	WAHL, C B	1953	WILLIAMS, J	50	50	42
010581	391859074354101	391901	0743544	NJ/AMERICAN WC	1969	S JERSEY DRL	--	95	91
010582	391905074363101	391906	0743629	NJ/AMERICAN WC	1951	SCHULTES, AC	99	99	79
010583	391908074360201	391908	0743602	NJ/AMERICAN WC	1946	ARTESIAN	128	123	78
010584	391909074355301	391909	0743553	NJ/AMERICAN WC	1970	S JERSEY DRL	--	151	147
010585	391909074355302	391909	0743553	NJ/AMERICAN WC	1970	S JERSEY DRL	--	91	87
010586	391914074352901	391916	0743534	NJ/AMERICAN WC	1969	S JERSEY DRL	--	95	91
010587	391920074352001	391925	0743529	NJ/AMERICAN WC	1969	S JERSEY DRL	--	88	84
010588	391920074353001	391920	0743530	ANIVITO, M	1953	WILLIAMS, J	51	51	46
010589	391924074354901	391924	0743550	NJ/AMERICAN WC	1966	SHANNAHAN CO	188	159	129
010590	391924074354902	391924	0743552	NJ/AMERICAN WC	1969	S JERSEY DRL	--	101	97
010591	391924074354903	391924	0743552	NJ/AMERICAN WC	1970	S JERSEY DRL	--	144	140
010592	392005074364601	391957	0743606	SOMERS POINT SA	1963	ARTESIAN	130	110	80
010593	392020074284401	392018	0742945	VENTNOR CITY WD	1965	LAYNE NY	835	793	740
010594	392027074285201	392027	0742852	VENTNOR CITY WD	--	--	805	805	755
010595	392028074285101	392028	0742850	VENTNOR CITY WD	1921	--	815	815	765
010596	392030074285401	392029	0742853	VENTNOR CITY WD	1924	--	810	810	760
010597	392032074285501	392032	0742854	VENTNOR CITY WD	1923	ARTESIAN	810	810	750
010598	392032074285502	392030	0742852	VENTNOR CITY WD	1965	LAYNE NY	835	803	740
010599	392032074285901	392032	0742858	VENTNOR CITY WD	1927	--	--	830	800
010600	392045074284001	392045	0742840	VENTNOR CITY WD	1931	ARTESIAN	819	810	750
010601	392350074495601	392428	0744953	LAWSON, E ROSEMARY	1960	--	61	57	51
010602	392432074491401	392432	0744914	GEYER, O	1959	SKYPALA, R	56	56	50
010603	392334074372701	392304	0743515	NJ/AMERICAN WC	1980	SCHULTES, AC	125	95	70
010604	391807074451001	391826	0744620	STATE OF NJ	1980	SCHULTES, AC	183	111	101
010605	393825074492901	393825	0744929	HAMMONTON WD	1978	LAYNE NY	298	215	185
010606	392636074413002	392935	0744131	WHEATON PLASTI-COTE	1974	SKINNER, VAN	130	130	110
010607	393745074492701	393745	0744927	CLARK, RUSSELL	1955	--	65	--	--
010608	393745074492702	393745	0744927	CLARK, RUSSELL	1956	--	--	110	--
010609	393736074491301	393737	0744912	CLARK, RUSSELL	1965	--	--	90	--
010610	393736074491302	393737	0744912	CLARK, RUSSELL	1965	--	--	100	--
010611	393727074490101	393733	0744908	CLARK, RUSSELL	1964	--	--	62	--
010612	393727074490102	393727	0744901	CLARK, RUSSELL	1964	--	--	95	--
010613	392955074533601	392955	0745336	GRECO, JOSEPH	1946	--	--	60	--
010614	393003074531401	393003	0745314	GRECO, JOSEPH	1948	--	--	45	--
010615	392934074523801	392954	0745334	GRECO, JOSEPH	1949	--	--	100	--
010616	393625074484702	393628	0744846	VACCARELLA, JOSEPH	1963	SACCO, CHAS	85	85	75
010617	393817074454201	393817	0744542	DADSON FARMS	1945	--	--	100	--

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

Bottom of open interval (feet)	Type of openings ¹	Diameter of casing (inches)	Altitude of land surface (feet)	Water level (feet)	Date of water-level measurement	Discharge (gallons per minute)	Specific capacity (gallons per minute per foot)	Primary use of site ²	Primary use of water ³	Aquifer code ⁴	USGS well number
ATLANTIC COUNTY--Continued											
116	S	6,4	30	16	06-00-1952	200	8	W	C	121CKKD	010556
139	S	3	30	15	05-00-1953	30	6	Z	U	121CKKD	010557
157	L	16,10	50	40	12-09-1948	602	43	W	P	121CKKD	010559
97	S	2	30	--	--	--	--	U	U	121CKKD	010560
98	S	2.50	20	24	07-08-1954	20	2	W	I	121CKKD	010562
109	S	18,12	25	13	05-04-1932	1100	28	Z	U	121CKKD	010563
97	S	26,24	10	5	00-00-1930	1220	27	ZU	U	121CKKD	010564
660	L	10	10	47	10-26-1950	1060	12	W	P	122KRKDL	010565
--	--	8	11.7	11.6	05-28-1925	--	--	O	U	122KRKDL	010566
208	S	26,24	7.8	7	12-00-1930	721	14	W	U	121CKKD	010567
633	L	12,8	8	31	08-09-1961	1050	21	W	P	122KRKDL	010568
90	S	26	15	20	11-00-1930	1190	32	WU	U	121CKKD	010569
666	S	16,10	10	9	00-00-1925	1000	30	Z	U	122KRKDL	010570
100	S	26	10	6	00-00-1930	819	22	Z	U	121CKKD	010571
105	S	18	10	10	11-18-1968	1010	20	U	U	121CKKD	010572
92	S	26	6.9	5	00-00-1930	1200	32	U	U	121CKKD	010573
195	SS	26	7	10	12-00-1930	981	22	WW	P	121CKKD	010574
195	SS	24,12	5	14	08-00-1928	668	27	W	P	121CKKD	010575
181	SS	6	10	6	01-00-1963	100	--	Z	U	121CKKD	010576
60	S	2	10	10	07-00-1954	15	5	Z	U	121CKKD	010577
680	S	8	10	34	12-00-1959	210	--	O	U	122KRKDL	010578
31	SS	4	10	16	11-00-1951	25	12	OZ	U	121CKKD	010579
50	SS	2	20	24	05-00-1953	10	2	Z	U	121CKKD	010580
95	SS	2	30.8	24	07-24-1969	15	--	T	U	121CKKD	010581
99	S	20,10	15	10	03-16-1951	1000	15	W	P	121CKKD	010582
118	R	8	30	30	04-05-1946	450	6	Z	U	121CKKD	010583
151	SS	2	19.2	18	03-00-1970	15	--	Z	U	121CKKD	010584
91	S	2	19.2	18	03-00-1970	15	--	Z	U	121CKKD	010585
95	S	2	27.4	22	07-00-1969	15	--	Z	U	121CKKD	010586
88	S	2	21	17	07-00-1969	15	--	Z	U	121CKKD	010587
51	S	2	30	26	00-00-1953	10	2	W	H	121CKKD	010588
159	SS	20,12	19	18	09-13-1966	1000	12	WW	P	121CKKD	010589
101	SS	2	18.8	16	07-00-1969	15	--	TT	U	121CKKD	010590
144	SS	2	19.5	15	03-00-1970	15	--	TU	U	121CKKD	010591
110	S	6	10	--	--	100	--	U	U	121CKKD	010592
790	L	12	10	95	06-30-1965	1020	17	W	P	122KRKDL	010593
805	SS	6,4.5	10	--	--	375	12	Z	P	122KRKDL	010594
815	SS	8,4	10	63	00-00-1921	1000	16	ZW	P	122KRKDL	010595
810	SS	8,4	10	63	00-00-1924	500	9	W	P	122KRKDL	010596
810	S	8,6	10	65	00-00-1923	960	17	Z	U	122KRKDL	010597
800	L	12	10	80	05-03-1965	818	11	W	P	122KRKDL	010598
830	S	4	10	--	--	--	--	WW	P	122KRKDL	010599
810	S	20,16,12,8	10	65	07-00-1931	750	34	WW	P	122KRKDL	010600
57	S	4	75	10	02-00-1960	16	8	W	H	121CKKD	010601
56	S	2	80	8	01-00-1959	40	7	Z	U	121CKKD	010602
95	S	6,2	25	10.4	10-14-1980	122	12	O	U	121CKKD	010603
111	S	6	20	14	12-17-1980	110	6	WT	P	121CKKD	010604
215	L	8	110	27	01-18-1978	--	--	T	U	121CKKD	010605
130	S	8	55	--	--	--	--	W	N	121CKKD	010606
--	--	4	100	--	--	--	--	Z	U	121CKKD	010607
--	--	4	100	--	--	--	--	Z	U	121CKKD	010608
--	--	4	95	--	--	--	--	ZU	U	121CKKD	010609
--	--	4	95	--	--	--	--	ZU	U	121CKKD	010610
--	--	4	100	--	--	--	--	WW	I	121CKKD	010611
--	--	4	100	--	--	--	--	WW	I	121CKKD	010612
--	--	--	100	--	--	--	--	Z	U	121CKKD	010613
--	--	--	95	--	--	--	--	Z	U	121CKKD	010614
--	--	--	100	--	--	--	--	W	I	121CKKD	010615
85	S	4	75	--	--	--	--	W	H	121CKKD	010616
--	--	--	70	--	--	--	--	Z	U	121CKKD	010617

Footnotes at end of table.

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

USGS well number	Site identification	Latitude (degrees)	Longitude (degrees)	Owner	Date of well construction	Contractor	Depth drilled (feet)	Depth of well (feet)	Top of open interval (feet)
ATLANTIC COUNTY--Continued									
010618	393817074454202	393817	0744542	DADSON FARMS	1950	--	--	100	--
010619	393856074420301	393856	0744203	DADSON FARMS	1947	--	--	108	--
010620	393106074582401	393106	0745824	FIOCCHI, RUDY	1950	--	--	100	--
010621	393102074582201	393102	0745822	FIOCCHI, RUDY	1944	--	--	100	--
010622	392859074344501	393101	0743445	GRUNOW BROTHERS	1957	--	--	80	--
010623	392922074545701	392922	0745457	BACHINSKY, E	1950	--	--	65	--
010624	393625074484701	393628	0744846	VACCARELLA, J	1958	--	--	90	--
010625	392938074570501	392938	0745705	DENOVELLIS, C	1951	--	--	153	--
010626	393234074560201	393234	0745606	CONSALO FARMS	1956	--	--	65	--
010627	393213074564901	393217	0745643	CONSALO FARMS	1955	--	--	168	--
010628	393856074493701	393856	0744939	PULEO, ANTHONY	1962	SACCO, CHAS	--	80	--
010629	393628074502501	393615	0745016	SOUTH JERSEY GAS CO	1969	SCHULTES, AC	194	112	87.3
010630	392839074314501	392841	0743226	AC MEDICAL CENTER	1974	SCHULTES, AC	216	178	155
010631	392845074384601	392904	0743811	LIEPE BROTHERS	1966	DELMARVA	155	155	91
010632	392952074341701	392952	0743417	GRUNOW BROTHERS	1966	--	--	47	--
010633	393107074345201	393055	0743507	GRUNOW BROTHERS	1954	--	--	96	--
010634	393107074345202	393055	0743507	GRUNOW BROTHERS	1959	--	--	85	--
010636	392609074311601	392510	0743115	ATLANTIC CITY MUA	1975	LAYNE NY	87	53.4	43.4
010637	393217074382301	393217	0743823	EGG HARBOR WW	1979	LAYNE NY	428	428	335
010639	393059074585001	393059	0745859	VAI, PETER	1973	SKINNER, VAN	160	160	100
010640	393625074484601	393631	0744840	VACCARELLA, JOSEPH	1979	ATLANTIC INC	100	100	80
010641	393942074465601	393937	0744705	SCAFFIDI, ROB	1979	ATLANTIC INC	58	58	48
010642	393901074462101	393904	0744631	COIA BROTHERS FARM	1979	ATLANTIC INC	105	105	85
010643	394025074465601	394025	0744656	MAZZA, ANTHONY	1978	ATLANTIC INC	85	85	65
010644	393950074472101	393950	0744721	GLOSSY FRUIT FARM	1978	SKINNER, VAN	160	159	99
010645	393933074480501	394007	0744726	LA MONACA, HUGH	1978	ATLANTIC INC	90	90	70
010646	392818074544201	392818	0745442	BADARACCO FARMS	1976	SKINNER, VAN	236	236	176
010647	393029074580401	393030	0745808	MAROLDA FARMS	1976	SKINNER, VAN	178	178	108
010648	392125074260401	392125	0742604	BALLY PARK PLACE	1979	LAYNE NY	884	835	775
010649	392246074271401	392246	0742714	DEPT OF ENERGY	1978	--	1050	--	--
010650	392653074425401	392651	0744254	HAMILTON TWP WD	--	--	380	--	--
010651	393557074483101	393553	0744836	WUILLEMIN, A C	--	D'AGOSTINO	--	120	--
010652	393546074484301	393546	0744843	WUILLEMIN, EDWARD	--	--	--	--	--
010653	393600074475001	393600	0744752	WUILLEMIN, EDWARD	1982	D'AGOSTINO	123	123	93
010654	393600074475002	393600	0744752	WUILLEMIN, EDWARD	1982	D'AGOSTINO	120	120	60
010655	393629074484101	393627	0745029	VACCARELLA, A	1981	D'AGOSTINO	98	98	58
010656	393929074451201	393626	0744528	DIMEO, WM JR	--	--	--	--	--
010657	393617074481601	393614	0744812	WUILLEMIN, EDWARD	1969	D'AGOSTINO	124	124	70
010658	394055074471401	394055	0744714	LUCCA, JOSEPH	1953	CARUSO, C	43	43	33
010659	393234074564601	393235	0745645	MONFARDINI, LOUIS	1973	SKINNER, VAN	146	146	106
010660	393052074443601	393303	0744412	AC EXPRESSWAY AUTHORITY	1980	SCHULTES, AC	172	157	134
010661	393745074483701	393627	0744939	MAIMONE, SANTO	1978	FONTE, FRANK	100	100	40
010662	391859074312203	391859	0743122	LONGPORT WD	1924	--	--	835	--
010663	392108074264801	392107	0742648	DEAUVILLE HOTEL	1900	--	--	830	--
010664	392109074263901	392110	0742639	RITZ CONDOMINIUMS	1924	LAYNE NY	855	855	780
010665	392027074285101	392027	0742851	VENTNOR CITY WD	1896	--	--	810	--
010666	392227074294101	392227	0742941	AMERICAN PROPERTY GROUP	1942	--	--	400	--
010668	392159074254401	392159	0742544	SEASHORE SUPPLY CO	1923	--	--	842	--
010669	392147074261901	392147	0742619	SOUTH JERSEY GAS CO	1925	--	862	840	780
010670	392137074261401	392137	0742614	AMERICAN ICE CO	1927	--	--	845	--
010671	392154074255101	392154	0742551	ABBOTTS DAIRIES	1925	--	--	841	760
010672	392137074261402	392137	0742614	AMERICAN ICE CO	1931	--	--	101	--
010673	392130074255301	392130	0742553	SANDS CASINO	1911	--	--	825	765
010674	392058074271102	392058	0742711	PRESIDENT HOTEL	1926	--	--	830	--
010675	392139074250101	392139	0742501	ST CHARLES HOTEL	1896	--	--	822	--
010676	392135074252101	392131	0742525	RESORTS INTERNATIONAL	1913	--	841	831	--
010677	392132074262202	392129	0742523	RESORTS INTERNATIONAL	1900	--	844	--	--
010678	392155074244601	392201	0742439	ROYAL PALACE HOTEL	1925	--	--	830	--
010679	392120074260601	392120	0742606	SHELBURNE HOTEL	1900	--	--	830	--
010680	392120074260602	392120	0742606	CARNIVAL CLUB	1910	SCHULTES, AC	847	835	773

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

Bottom of open interval (feet)	Type of openings ¹	Diameter of casing (inches)	Altitude of land surface (feet)	Water level (feet)	Date of water-level measurement	Discharge (gallons per minute)	Specific capacity (gallons per minute per foot)	Primary use of site ²	Primary use of water ³	Aquifer code ⁴	USGS well number
ATLANTIC COUNTY--Continued											
--	-	--	70	--	--	--	--	Z	U	121CKKD	010618
--	-	--	40	--	--	--	--	Z	U	121CKKD	010619
--	-	--	110	--	--	--	--	W	I	121CKKD	010620
--	-	--	120	--	--	--	--	W	I	121CKKD	010621
--	-	4	55	--	--	--	--	W	I	121CKKD	010622
--	-	--	105	--	--	--	--	Z	U	121CKKD	010623
--	-	3	75	--	--	--	--	W	H	121CKKD	010624
--	-	--	100	--	--	--	--	W	I	121CKKD	010625
--	-	4	120	--	--	--	--	W	I	121CKKD	010626
--	-	6	125	--	--	--	--	W	I	121CKKD	010627
--	-	3	135	--	--	--	--	W	H	121CKKD	010628
102	S	8	80	13.1	08-01-1969	200	15	W	H	121CKKD	010629
176	R	20, 12, 8	65	21	06-28-1974	275	4	W	T	121CKKD	010630
155	S	17	60	9	07-01-1966	1070	67	W	I	121CKKD	010631
--	-	4	55	--	--	--	--	W	I	121CKKD	010632
--	-	4	60	--	--	--	--	W	I	121CKKD	010633
--	-	--	60	--	--	--	--	W	I	121CKKD	010634
53.4	L	12	5	1	10-22-1975	402	13	T	U	121CKKD	010636
425	S	16	35	27	03-22-1979	602	4	W	P	122KRKDL	010637
160	S	4	95	6	03-00-1973	53	53	W	I	121CKKD	010639
100	S	6	75	6	11-02-1979	200	50	W	I	121CKKD	010640
58	S	4	70	8	05-18-1979	30	8	W	I	121CKKD	010641
105	S	6	75	10	04-18-1979	200	20	W	I	121CKKD	010642
85	S	6	70	9	05-18-1978	150	25	Z	U	121CKKD	010643
159	S	10	75	8	10-05-1978	300	--	W	I	121CKKD	010644
90	S	6	75	6	05-05-1978	200	17	W	I	121CKKD	010645
236	S	8	100	20	12-15-1976	500	7	W	I	121CKKD	010646
178	S	6	105	18	06-00-1976	460	17	W	I	121CKKD	010647
835	R	30, 24, 16, 10	5	78	11-14-1979	1020	16	W	C	122KRKDL	010648
--	X	4	5	--	--	--	--	T	U	124PNPN	010649
--	-	10	20	2.96	11-29-1984	--	--	T	U	122KRKDL	010650
--	-	8	85	--	--	--	--	W	I	121CKKD	010651
--	-	--	90	--	--	--	--	W	I	121CKKD	010652
123	P	6	80	27	03-29-1982	--	--	W	I	121CKKD	010653
120	P	8	75	12	04-13-1982	--	--	W	I	121CKKD	010654
98	P	6	80	13	09-10-1981	--	--	W	I	121CKKD	010655
--	-	--	60	--	--	--	--	Z	U	121CKKD	010656
124	S	8	90	20	07-27-1959	500	26	W	I	121CKKD	010657
43	S	4	75	7	10-28-1953	95	19	Z	U	121CKKD	010658
146	S	8	115	14	08-00-1973	51	51	W	I	121CKKD	010659
154	P	10	80	23.4	07-12-1980	360	31	W	P	121CKKD	010660
100	S	6	70	2	04-21-1978	60	18	W	I	121CKKD	010661
--	-	6	10	--	--	--	--	Z	U	122KRKDL	010662
--	-	--	10	--	--	--	--	Z	U	122KRKDL	010663
840	L	16, 12, 8	10	80	00-00-1971	402	--	Z	U	122KRKDL	010664
--	-	--	10	--	--	--	--	Z	U	122KRKDL	010665
--	-	--	5	--	--	--	--	Z	U	122KRKDU	010666
--	-	--	10	--	--	--	--	Z	U	122KRKDL	010668
840	S	16, 12, 8	10	--	--	230	--	Z	U	122KRKDL	010669
--	-	--	10	--	--	350	--	Z	U	122KRKDL	010670
824	S	16	10	--	--	210	--	Z	U	122KRKDL	010671
825	S	6	10	37	06-01-1923	325	--	Z	U	121CKKD	010672
--	-	--	15	--	--	--	--	Z	U	122KRKDL	010673
--	-	--	8	--	--	--	--	Z	U	122KRKDL	010674
--	-	--	10	--	--	--	--	Z	U	122KRKDL	010675
--	-	--	10	--	--	--	--	Z	U	122KRKDL	010676
--	-	--	10	--	--	--	--	Z	U	122KRKDL	010677
--	-	--	10	--	--	--	--	Z	U	122KRKDL	010678
--	-	--	10	--	--	--	--	Z	U	122KRKDL	010679
835	S	12, 10, 8, 6	8	74.5	04-25-1985	400	8	O	U	122KRKDL	010680

Footnotes at end of table.

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

USGS well number	Site identification	Latitude (degrees)	Longitude (degrees)	Owner	Date of well construction	Contractor	Depth drilled (feet)	Depth of well (feet)	Top of open interval (feet)
ATLANTIC COUNTY--Continued									
010681	392123074260002	392123	0742600	MARLBOROUGH-BLENHEIM HOTEL	1900	--	--	830	--
010682	392137074252401	392134	0742521	RESORTS INTERNATIONAL	1980	LAYNE NY	--	840	--
010683	392334074231201	392410	0742227	BRIGANTINE WD	1980	LAYNE NY	830	780	725
010685	392856074550201	392853	0745428	MOLINELLI, JOHN	1968	DELMARVA	87	87	39
010686	392908074321301	392841	0743228	AC MEDICAL CENTER	1982	SCHULTES, AC	175	172	149
010687	393648074455001	393648	0744550	GARDNERS EXPRESS	1964	FONTE, FRANK	84	84	74
010688	392945074283001	392944	0742830	SMITHVILLE WC	1981	LAYNE NY	186	180	130
010689	392945074282001	392944	0742825	SMITHVILLE WC	1981	LAYNE NY	202	180	130
010691	393326074471701	393341	0744704	ATLANTIC BLUEBERRY CO	1983	D'AGOSTINO	120	120	40
010692	393326074471702	393341	0744704	ATLANTIC BLUEBERRY CO	1983	D'AGOSTINO	120	120	40
010693	393603074475801	393603	0744758	WUILLERMIN, AUGUST C	1983	D'AGOSTINO	90	90	65
010694	392313074324001	392313	0743240	VINELAND TRANSIT MIX	1984	SCHULTES, AC	160	110	90
010695	392306074352001	392308	0743521	NJ/AMERICAN WC	1981	SCHULTES, AC	165	135	100
010696	392628074322001	392632	0743228	ATLANTIC CITY MUA	1984	LAYNE NY	202	180	130
010697	392628074321601	392633	0743237	ATLANTIC CITY MUA	1984	LAYNE NY	202	175	125
010698	392629074320601	392635	0743246	ATLANTIC CITY MUA	1984	LAYNE NY	202	179	128
010699	392933074460402	392933	0744604	US GEOLOGICAL SURVEY	1984	NJGS	160	160	130
010700	392933074460401	392933	0744604	US GEOLOGICAL SURVEY	1984	US GEOL SURV	945	544	479
010701	393148074561701	393148	0745617	BUENA BOROUGH MUA	1984	SCHULTES, AC	470	460	410
010702	392032074300801	392032	0743008	US GEOLOGICAL SURVEY	1985	SCHULTES, AC	840	755	740
010703	393232074263901	392639	0743232	US GEOLOGICAL SURVEY	1985	SCHULTES, AC	608	575	560
010704	392232074234401	392343	0743733	US GEOLOGICAL SURVEY	1985	SCHULTES, AC	678	611	596
010705	392507074404001	393507	0744042	US GEOLOGICAL SURVEY	1985	SCHULTES, AC	540	--	--
010706	392933074313001	392933	0743130	US GEOLOGICAL SURVEY	1985	SCHULTES, AC	680	535	520
010707	393904074440001	393904	0744400	COLUMBIA FARMS	1967	FONTE, FRANK	--	130	--
010708	392921074360701	392921	0743607	LENOX INC	1976	SCHULTES, AC	185	168	128
010709	392510074221901	392510	0742220	BRIGANTINE COUNTRY CLUB	1966	LAYNE NY	--	77	--
010710	391726074222101	391726	0742221	US GEOLOGICAL SURVEY	1985	WARREN GEORGE	1060	1020	973
010711	391955074250701	391955	0742507	US GEOLOGICAL SURVEY	1985	WARREN GEORGE	966	871	820
010712	392902074505102	392902	0745051	US GEOLOGICAL SURVEY	1985	NJGS	396	387	377
010713	392902074505101	392902	0745051	US GEOLOGICAL SURVEY	1985	NJGS	573	540	525
010714	391946074512502	391946	0745124	US GEOLOGICAL SURVEY	1985	NJGS	75	73	63
010715	391946074512501	391946	0745124	US GEOLOGICAL SURVEY	1985	NJGS	600	--	--
010716	393449074464901	393449	0744649	US GEOLOGICAL SURVEY	1985	NJGS	550	--	--
010717	392933074313002	392933	0743130	US GEOLOGICAL SURVEY	1985	NJGS	336	335	320
010718	391957074460601	391957	0744606	US GEOLOGICAL SURVEY	1985	US GEOL SURV	30	26.2	23.2
010719	393242074482201	393241	0744818	US GEOLOGICAL SURVEY	1985	US GEOL SURV	42	38	35
010720	393544074510001	393549	0745059	US GEOLOGICAL SURVEY	1985	US GEOL SURV	22	22	19
010721	393144074301001	393145	0743009	US GEOLOGICAL SURVEY	1985	US GEOL SURV	27	25.9	22.9
010722	3923339074333701	392339	0743337	US GEOLOGICAL SURVEY	1985	US GEOL SURV	36.4	36.4	33.4
010723	392704074381801	392704	0743818	US GEOLOGICAL SURVEY	1985	US GEOL SURV	44	41.6	38.6
010724	393049074395801	393049	0744000	US GEOLOGICAL SURVEY	1985	US GEOL SURV	24	23	20
010725	393418074353701	393418	0743537	US GEOLOGICAL SURVEY	1985	US GEOL SURV	24	23.2	20.2
010726	392938074254301	392939	0742544	US GEOLOGICAL SURVEY	1985	US GEOL SURV	36	30.9	27.9
010727	392931074312501	392933	0743130	US GEOLOGICAL SURVEY	1985	US GEOL SURV	27	22.9	19.9
010729	392346074491601	392346	0744916	US GEOLOGICAL SURVEY	1985	US GEOL SURV	33	31.9	28.9
010730	392141074413301	392141	0744133	US GEOLOGICAL SURVEY	1985	US GEOL SURV	27	22.7	19.7
010731	393820074353001	393220	0743530	BOUND, WILLIAM	1980	MCGINNIS, E	--	105	--
010732	392201074340002	392102	0743400	BRIGHTON ORCHIDS	1983	MCGINNIS, E	95	95	89.5
010736	392700074473001	392738	0744727	BALIC, SAVO	1974	SKINNER, VAN	195	148	118
010739	391850074481801	391850	0744818	TUCKAHOE TURF FARM	1979	SKINNER, VAN	102	102	92
010740	393210074371701	393210	0743716	EGG HARBOR CITY	1983	S JERSEY DRL	25	25	5
010741	392613074420302	392613	0744203	HAMILTON TWP	1985	CRAIG TESTING	58	58	38
010742	392606074415601	392606	0744156	HAMILTON TWP	1985	CRAIG TESTING	52	52	32
010743	392133074364101	392122	0743633	BROWNING FERRIS CO	1983	AQUA WELL	40	40	15
010744	393530074481501	393530	0744811	HAMMONTON TOWN	1985	HYDRO GROUP	20	20	8
010745	393523074482201	393523	0744818	HAMMONTON TOWN	1985	HYDRO GROUP	20	20	8
010746	393220074372301	393220	0743721	EGG HARBOR CITY	1983	S JERSEY DRL	25	23	3
010747	392552074455702	392552	0744557	WEYMOUTH TWP	1980	CRAIG TESTING	40	40	20
010748	392557074460702	392550	0744626	WEYMOUTH TWP	1983	CRAIG TESTING	60	60	40

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

Bottom of open interval (feet)	Type of openings ¹	Diameter of casing (inches)	Altitude of land surface (feet)	Water level (feet)	Date of water-level measurement	Discharge (gallons per minute)	Specific capacity (gallons per minute per foot)	Primary use of site ²	Primary use of water ³	Aquifer code ⁴	USGS well number
ATLANTIC COUNTY--Continued											
--	-	--	5	--			--	Z	U	122KRKDL	010681
--	-	--	10	79.5	11-16-1983	--	--	W	C	122KRKDL	010682
775	S	18,12	10	58	01-02-1980	1060	11	W	P	122KRKDL	010683
87	S	17	110	20	06-10-1968	1190	63	W	I	121CKKD	010685
169	S	12,8	65	23	11-24-1982	305	17	W	T	121CKKD	010686
84	S	4	100	--	--	--	--	W	H	121CKKD	010687
180	R	18	30	--	--	--	--	W	P	121CKKD	010688
180	R	18	30	21	07-18-1981	904	35	W	P	121CKKD	010689
120	S	10	50	3	08-26-1983	42	42	W	I	121CKKD	010691
120	S	10	50	7	08-26-1983	40	40	W	I	121CKKD	010692
90	S	6	80	11	09-09-1983	--	--	W	I	121CKKD	010693
110	S	8	50	12	01-07-1984	250	5	W	N	121CKKD	010694
130	R	16,10	25	9.33	07-15-1981	1200	38	W	P	121CKKD	010695
180	R	30,24,18	26.5	5	02-21-1984	1200	21	W	P	121CKKD	010696
175	R	30,24,18	30.9	8	03-12-1984	1200	17	W	P	121CKKD	010697
178	R	30,24,18	33.1	8	03-12-1984	1200	21	W	P	121CKKD	010698
160	P	2	40	15.5	10-16-1984	2	--	W	U	121CKKD	010699
539	P	10,4	40	--	--	--	--	W	U	122KRKDL	010700
460	SS	8	120	89	01-16-1984	400	3	W	U	124PNPN	010701
750	S	4	5	79.8	04-04-1985	63	2	W	U	122KRKDL	010702
570	S	4	38.1	70.9	03-28-1985	70.4	3	W	U	122KRKDL	010703
606	S	4	50	81.3	04-03-1985	25.9	--	W	U	122KRKDL	010704
--	-	--	90	--	--	--	--	W	U	122KRKD	010705
530	S	4	40	57.4	04-02-1985	63	2	W	U	122KRKDL	010706
--	-	6	70	--	--	400	--	W	I	121CKKD	010707
168	P	12,8	70	14	08-31-1976	411	21	W	N	121CKKD	010708
--	-	6	5	2.70	06-13-1984	--	--	W	U	121CKKD	010709
1000	S	12,4	--	74.3	09-13-1985	55.4	1	W	U	122KRKDL	010710
850	S	12,4	--	85.1	08-14-1985	38	2	W	U	122KRKDL	010711
387	S	4	100	37.1	10-10-1985	20	8	W	U	121CKKD	010712
535	S	4	100	107	10-10-1985	11.5	3	W	U	124PNPN	010713
73	S	4	45	15	07-09-1985	10	5	W	U	121CKKD	010714
--	-	--	45	--	--	--	--	W	U	122KRKDL	010715
--	-	--	70	--	--	--	--	W	U	121CKKD	010716
330	S	4	40	22.3	06-28-1985	75	5	W	U	121CKKD	010717
26.2	P	2	35	8.5	11-06-1985	10	--	W	U	121CKKD	010718
38	P	2	70	26.5	11-04-1985	--	--	W	U	121CKKD	010719
22	P	2	65	8	11-04-1985	--	--	W	U	121CKKD	010720
25.9	P	2	30	20.1	11-07-1985	--	--	W	U	121CKKD	010721
36.4	P	2	45	21.3	11-05-1985	1	--	W	U	121CKKD	010722
41.6	P	2	75	26.1	01-14-1986	--	--	W	U	121CKKD	010723
23	P	2	65	9.8	11-05-1985	--	--	W	U	121CKKD	010724
23.2	P	2	15	6.27	01-23-1986	--	--	W	U	121CKKD	010725
30.9	P	2	25	24.4	11-07-1985	--	--	W	U	121CKKD	010726
22.9	P	2	40	15.4	11-12-1985	--	--	W	U	121CKKD	010727
31.9	P	2	72	12.1	01-13-1986	--	--	W	U	121CKKD	010729
22.7	P	2	25	18	02-26-1986	--	--	W	U	121CKKD	010730
--	-	2	45	16	10-06-1980	10	2	W	H	121CKKD	010731
95	R	2	25	26	08-20-1983	15	2	W	H	121CKKD	010732
148	P	4	80	40	02-22-1974	45	1	W	C	121CKKD	010736
102	P	4	10	-4	11-01-1979	50	--	W	I	121CKKD	010739
25	P	4	45	10	11-22-1983	3	--	W	U	121CKKD	010740
58	P	4	55	37	07-20-1985	4	--	W	U	121CKKD	010741
52	P	4	60	39.3	11-20-1985	4	--	W	U	121CKKD	010742
40	P	4	40	11	12-06-1983	32	--	W	U	121CKKD	010743
20	P	4	75.6	9.2	11-12-1985	2	--	W	U	121CKKD	010744
20	P	4	64.7	9	11-14-1985	2	--	W	U	121CKKD	010745
23	P	4	45	5	00-00-1983	--	--	W	U	121CKKD	010746
40	P	4	52.2	26	02-15-1980	20	--	W	U	121CKKD	010747
60	P	4	75.3	21.1	02-27-1986	--	--	W	U	121CKKD	010748

Footnotes at end of table.

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

USGS well number	Site identification	Latitude (degrees)	Longitude (degrees)	Owner	Date of well construction	Contractor	Depth drilled (feet)	Depth of well (feet)	Top of open interval (feet)
ATLANTIC COUNTY--Continued									
010749	392225074454902	392225	0744549	ESTELL MANOR CITY	1976	CRAIG TESTING	55	55	35
010750	393627074511301	393627	0745114	FOLSOM BOROUGH	1985	S JERSEY DRL	38	38	18
010751	393346074505601	393346	0745056	BUENA VISTA TWP	1978	CRAIG TESTING	20	19	9
010752	393120074554601	393120	0745546	BUENA BOROUGH	1984	ROBBINS BROTHERS	30	30	20
010753	393133074564402	393135	0745545	BUENA BOROUGH	1978	CRAIG TESTING	17	17	7
010754	392640074371501	392640	0743646	WINZINGER, ROBERT	1976	CRAIG TESTING	32	32	22
010755	392657074362401	392657	0743624	WINZINGER, ROBERT	1976	CRAIG TESTING	24	24	14
010756	392830074281201	392830	0742812	GALLOWAY TWP	1980	ABSECON ELEC	35	34	24
010757	392834074282602	392834	0742824	GALLOWAY TWP	1980	ABSECON ELEC	34	32	22
010758	393139074393501	393140	0743938	GALLOWAY TWP	--	--	--	9	4
010759	393050074344101	393050	0743441	GALLOWAY TWP	1984	SCHULTES, AC	20	19	4
010760	393047074344302	393047	0743443	GALLOWAY TWP	1984	SCHULTES, AC	20	17	2
010761	392740074303702	392742	0743035	GALLOWAY TWP	1983	ABSECON ELEC	38	38	28
010762	393348074415001	393348	0744153	KLOTZ, WILLIAM	1981	ABSECON ELEC	85	81	76
010763	392758074473101	392658	0744730	FARNSWORTH, JOHN	1975	MCGINNIS, E	--	65	62
010764	392216074375801	392217	0743757	EGG HARBOR TWP BD OF ED	1969	STOTHOFF, WM	114	114	94
010765	393551074323001	393351	0743232	AHLSTED, DAVID	1980	ABSECON ELEC	90	81	76
010766	392130074414202	392131	0744130	HOODE, NORMAN J	1984	MCGINNIS, E	140	140	132
010767	391949074385401	391949	0743854	MARTINELLI, JOSEPH	1983	MCGINNIS, E	126	126	120
010768	392247074350002	392256	0743504	MADISON, J P	1984	ABSECON ELEC	115	112	107
010769	392445074424401	392444	0744243	HAUGHEY, G	1985	D'AGOSTINO	150	139	132
010770	392241074493301	392241	0744933	ESTELL MANOR BD OF ED	1983	QUINLAN, J	--	70	55
010771	392113074322301	392113	0743223	HACKNEY BOAT YARD INC	1972	HACKNEY DRLG	--	120	117
010772	393604074482401	393604	0744824	CRAMER, R H	1979	--	--	125	105
010773	393414074492702	393414	0744927	PEZZUTO, M	1985	--	--	95	85
010774	392457074435501	392457	0744355	ATLANTIC COUNTY PARK	1918	NICHOLAS, AJ	180	180	160
010775	393232074263902	392639	0743232	ATLANTIC CITY MUA	1984	ABSECON ELEC	205	182	132
010776	393232074263903	392639	0743232	ATLANTIC CITY MUA	1984	ABSECON ELEC	98	93	73
010778	392232074234403	392344	0743732	US GEOLOGICAL SURVEY	1985	NJGS	71	71	61
010779	392640074345201	392640	0743452	US DEPT TRANSPORTATION	1943	LAYNE NY	166	163	143
010780	392251074300201	392251	0743002	COMFORT INN	1985	SCHULTES, AC	661	631	606
010781	392707074325301	392634	0743254	ATLANTIC CITY MUA	1985	HYDRO GROUP	201	182	131
010782	392704074331101	392632	0743307	ATLANTIC CITY MUA	1985	HYDRO GROUP	202	180	130
010783	392702074333201	392629	0743332	ATLANTIC CITY MUA	1985	HYDRO GROUP	202	183	132
010784	392632074334401	392632	0743344	ATLANTIC CITY MUA	1985	HYDRO GROUP	202	183	132
010785	392632074335801	392632	0743358	ATLANTIC CITY MUA	1985	HYDRO GROUP	202	184	133
010786	392643074325501	392643	0743255	ATLANTIC CITY MUA	1985	HYDRO GROUP	202	176	125
010788	392826074523401	392826	0745234	LEVARI, KENNETH	1985	QUINLAN, J	90	90	40
010789	392703074283701	392703	0742837	SEAVIEW COUNTRY CLUB	1986	WC SERVICES	266	242	196
010790	392519074381601	392519	0743816	SOUTH JERSEY GAS CO	1985	WC SERVICES	165	157	147
010791	393938074454101	393938	0744541	COLUMBIA FARMS	1985	S JERSEY DRL	140	140	40
010792	393823074492901	393823	0744929	HAMMONTON WD	1982	LAYNE NY	242	218	178
010834	392017074300201	392017	0743002	US GEOLOGICAL SURVEY	1988	GRASSROOTS	1050	997	970
CAPE MAY COUNTY									
090002	390420074443502	390420	0744435	AVALON WD	1971	LAYNE NY	905	864	821
090004	390528074433801	390528	0744338	AVALON WD	1968	LAYNE NY	950	923	880
090005	390545074432601	390545	0744326	AVALON WD	1976	SCHULTES, AC	982	839	784
090008	390621074425201	390621	0744248	AVALON WD	1930	ARTESIAN	930	930	845
090092	390525074485101	390525	0744851	NJ/AMERICAN WC	1967	SCHULTES, AC	839	791	681
090106	391343074375501	391343	0743755	NJ/AMERICAN WC	1924	ARTESIAN	820	810	760
090108	391500074364501	391500	0743645	NJ/AMERICAN WC	1970	SCHULTES, AC	902	843	774
090109	391535074361101	391535	0743611	NJ/AMERICAN WC	1946	ARTESIAN	923	814	749
090110	391604074353901	391604	0743539	NJ/AMERICAN WC	1965	SCHULTES, AC	871	814	759
090116	391638074345101	391638	0743451	NJ/AMERICAN WC	1937	--	835	810	760
090124	391712074334001	391712	0743340	NJ/AMERICAN WC	1970	SCHULTES, AC	901	843	774
090126	390747074424101	390747	0744241	SEA ISLE CITY WD	1957	SCHULTES, AC	902	802	736
090127	390847074420001	390847	0744200	SEA ISLE CITY WD	1954	SCHULTES, AC	993	830	742
090129	390926074413101	390926	0744131	SEA ISLE CITY WD	1926	--	--	864	801
090132	390301074454501	390301	0744545	STONE HARBOR WD	1955	LAYNE NY	965	883	830

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

Bottom of open interval (feet)	Type of openings ¹	Diameter of casing (inches)	Altitude of land surface (feet)	Water level (feet)	Date of water-level measurement	Discharge (gallons per minute)	Specific capacity (gallons per minute per foot)	Primary use of site ²	Primary use of water ³	Aquifer code ⁴	USGS well number
ATLANTIC COUNTY--Continued											
55	P	4	60	39.4	11-19-1985	--	--	0	U	121CKKD	010749
38	PP	4	90	21	10-29-1985	--	--	0	U	121CKKD	010750
19	PP	4	85	6	06-22-1978	5	--	0	U	121CKKD	010751
30	PP	4	115	11	10-25-1984	5	--	0	U	121CKKD	010752
17	P	4	95	3.17	07-29-1978	10	--	0	U	121CKKD	010753
32	P	4	71	19	10-16-1976	4	--	0	U	121CKKD	010754
24	PP	4	60	14	10-16-1976	5	1	0	U	121CKKD	010755
34	PP	4	29.8	9.08	03-06-1980	10	--	0	U	121CKKD	010756
32	PP	4	42.2	13.7	03-00-1980	20	--	0	U	121CKKD	010757
9	P	4	50	.85	02-05-1986	1	--	0	U	121CKKD	010758
19	P	4	59.5	8	08-09-1984	10	--	0	U	121CKKD	010759
17	PP	4	60	5	08-09-1984	10	--	0	U	121CKKD	010760
38	PP	4	57.4	23	01-12-1983	20	--	0	U	121CKKD	010761
81	PP	2	80	7	12-05-1981	30	--	W	H	121CKKD	010762
65	P	2	70	--	--	--	--	W	H	121CKKD	010763
114	PSR	8	50	30	08-25-1969	128	3	W	T	121CKKD	010764
81	R	2	10	11	06-12-1980	30	--	W	H	121CKKD	010765
140	R	4	20	14	11-27-1984	40	4	W	H	121CKKD	010766
126	R	2	10	6	06-01-1983	20	3	W	H	121CKKD	010767
112	S	2	20	5	04-12-1984	20	--	W	H	121CKKD	010768
139	P	2	10	6	01-10-1985	--	--	W	H	121CKKD	010769
70	PP	4	80	13	04-00-1983	85	--	W	T	121CKKD	010770
120	P	--	5	--	--	--	--	W	H	121CKKD	010771
125	SS	4	105	--	--	--	--	W	H	121CKKD	010772
95	S	3	55	--	--	--	--	W	H	121CKKD	010773
180	P	10	10	-18	05-16-1918	175	29	W	U	121CKKD	010774
182	PP	4	38.1	35.8	03-20-1986	--	--	W	U	121CKKD	010775
93	P	4	38.1	19.1	03-20-1986	--	--	W	U	121CKKD	010776
71	PS	4	50	12.1	10-16-1985	20.1	3	W	U	121CKKD	010778
163	S	12,8	50	--	--	--	--	W	P	121CKKD	010779
626	S	10,6	5	70	05-17-1985	35	7	C	U	122KRKDL	010780
182	RR	18	25	16.3	06-13-1985	1510	23	W	P	121CKKD	010781
180	RR	18	30	10.1	06-05-1985	1700	32	W	P	121CKKD	010782
183	RR	18	35	8.25	07-24-1985	1510	25	W	P	121CKKD	010783
183	R	18	40	8.67	07-01-1985	1500	27	W	P	121CKKD	010784
184	R	18	30	17.1	08-19-1985	1510	31	W	P	121CKKD	010785
176	R	18	30	18.5	06-20-1985	1510	26	W	P	121CKKD	010786
90	PS	6	90	7	05-00-1985	300	--	W	P	121CKKD	010788
239	S	18,12	50	48.5	02-03-1986	473	22	W	C	121CKKD	010789
157	P	6	60	25	07-17-1985	100	10	W	H	121CKKD	010790
140	P	8	60	4	10-17-1985	25	2	W	I	121CKKD	010791
218	S	--	120	37.2	09-13-1982	--	--	W	P	121CKKD	010792
991	S	10,4	5	31.5	05-20-1988	70	3	O	U	124PNPN	010834
CAPE MAY COUNTY											
861	S	18,12,8	5	33	04-07-1971	708	4	W	P	122KRKDL	090002
920	SP	18,12,8	10	48	08-27-1968	717	8	W	P	122KRKDL	090004
839	S	12,8	10	43.4	06-14-1976	726	5	W	P	122KRKDL	090005
925	S	16,12,5,10,8	10	19	07-12-1930	685	27	W	P	122KRKDL	090008
791	S	12	15	33	04-07-1967	800	13	W	P	122KRKDL	090092
810	S	8,6	10	15	08-12-1924	700	--	W	P	122KRKDL	090106
840	S	12,8	10	50	03-16-1970	768	14	W	P	122KRKDL	090108
809	S	14,10,8	10	26	05-08-1946	651	26	W	P	122KRKDL	090109
814	S	12,8	5	59.7	06-07-1965	831	18	W	P	122KRKDL	090110
810	S	8	10	78	11-11-1986	780	24	W	P	122KRKDL	090116
840	P	20,12,8	10	70	05-01-1970	768	14	W	P	122KRKDL	090124
802	S	12,8	5	35	08-07-1957	750	9	W	P	122KRKDL	090126
830	S	12,8	10	28	05-01-1954	700	13	W	P	122KRKDL	090127
861	S	8,7,6	10	25	00-00-1926	450	--	W	P	122KRKDL	090129
880	S	12,8	10	28	06-29-1955	726	9	W	P	122KRKDL	090132

Footnotes at end of table.

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

USGS well number	Site identification	Latitude (degrees)	Longitude (degrees)	Owner	Date of well construc- tion	Contractor	Depth drilled (feet)	Depth of well (feet)	Top of open interval (feet)
CAPE MAY COUNTY--Continued									
090135	390323074452501	390323	0744525	STONE HARBOR WD	1949	AMERICAN CO	--	881	837
090136	391152074392701	391152	0743927	CORSONS INLET WD	1904	HARPER, TB	834	834	802
090144	391703074375601	391703	0743756	ATLANTIC CITY ELEC	1975	LAYNE NY	713	691	650
090148	391707074375604	391707	0743756	ATLANTIC CITY ELEC	1964	LAYNE NY	678	678	645
090161	390704074475001	390704	0744750	EASTERN SHORE CONVAL	1983	FONTE, FRANK	664	654	639
090166	390351074450601	390351	0744504	STONE HARBOR WD	1976	LAYNE NY	884	860	820
090173	390314074453202	390314	0744532	STONE HARBOR WD	1981	LAYNE NY	865	860	810
090185	391621074435501	391621	0744355	US GEOLOGICAL SURVEY	1985	SCHULTES, AC	740	655	640
OCEAN COUNTY									
290004	394524074063201	394524	0740632	BARNEGAT LIGHT WD	1954	SCHULTES, AC	675	646	593
290009	393346074143001	393346	0741430	BEACH HAVEN WD	1957	SCHULTES, AC	--	656	572
290012	393346074143401	393346	0741434	BEACH HAVEN WD	1940	RULON & COOK	--	665	572
290111	394134074083201	394134	0740832	HARVEY CEDARS WD	1968	LAYNE NY	508	503	465
290112	394218074080801	394218	0740808	HARVEY CEDARS WD	1956	SCHULTES, AC	706	493	451
290457	393510074132701	393510	0741327	LONG BEACH WC	1970	SCHULTES, AC	697	653	551
290459	393510074133002	393510	0741330	LONG BEACH WC	1949	ARTESIAN	--	627	560
290460	393724074115101	393724	0741151	LONG BEACH WC	1951	ARTESIAN	596	580	530
290462	393253074230801	393253	0742308	LITTLE EGG HARBOR MUA	1969	SCHULTES, AC	607	564	509
290464	393428074220201	393428	0742202	LITTLE EGG HARBOR MUA	1963	SCHULTES, AC	654	542	485
290465	393509074204801	393509	0742048	LITTLE EGG HARBOR MUA	1956	ARTESIAN	340	329	308
290544	393839074105201	393839	0741052	SHIP BOTTOM WD	1953	RULON & COOK	605	590	536
290549	393848074105301	393848	0741053	SHIP BOTTOM WD	1974	LAYNE NY	616	587	527
290557	394042074141101	394042	0741411	STAFFORD TWP MUA	1965	ARTESIAN	436	428	385
290559	393923074101601	393912	0741022	SURF CITY WD	1947	ARTESIAN	--	561	516
290560	393938074100601	393938	0741006	SURF CITY WD	1964	MURTHA, JOHN	557	557	514
290561	393948074095401	393948	0740954	SURF CITY WD	1970	SCHULTES, AC	607	564	520
290565	393610074203103	393610	0742031	TUCKERTON MUA	1964	SCHULTES, AC	552	497	462
290597	393610074202101	393610	0742021	TUCKERTON MUA	1978	HOLM DRLG	598	500	400
290775	393339074230101	393339	0742301	LITTLE EGG HARBOR MUA	1983	SCHULTES, AC	344	323	293
290812	394244074171501	394244	0741715	US GEOLOGICAL SURVEY	1985	SCHULTES, AC	610	610	--

Table 3.--Records of selected wells and exploratory boreholes in Atlantic County and vicinity--Continued

Bottom of open interval (feet)	Type of openings ¹	Diameter of casing (inches)	Altitude of land surface (feet)	Water level (feet)	Date of water-level measurement	Discharge (gallons per minute)	Specific capacity (gallons per minute per foot)	Primary use of site ²	Primary use of water ³	Aquifer code ⁴	USGS well number
CAPE MAY COUNTY--Continued											
877	S	12	10	27	11-25-1949	725	8	W	P	122KRKDL	090135
834	S	6	10	--	--	300	4	W	P	122KRKDL	090136
690	S	12,8	9	54	04-25-1975	457	13	U	U	122KRKDL	090144
675	S	12,8	10	57	09-09-1964	300	2	W	E	122KRKDL	090148
654	R	6,4	16	--	--	--	--	W	T	122KRKDL	090161
860	L	4	5	111	04-15-1976	700	7	W	P	122KRKDL	090166
860	R	24, 16, 10	10	52	07-01-1981	851	10	W	P	122KRKDL	090173
650	S	4	15	40.3	04-05-1985	75	2	O	U	122KRKDL	090185
OCEAN COUNTY											
646	S	12,8	7	-1	08-10-1954	343	6	W	P	124PNPN	290004
656	S	10	5	22	05-02-1957	754	26	W	P	122KRKDL	290009
665	S	10	5	--	--	--	--	W	P	122KRKDL	290012
500	S	16	10	18	02-21-1968	1050	15	W	P	122KRKDL	290111
493	S	10	10	13	04-13-1956	703	7	W	P	122KRKDL	290112
650	S	12	8	27	12-17-1970	1200	27	W	P	122KRKDL	290457
623	R	10,8,6	10	15	12-15-1949	475	10	W	P	122KRKDL	290459
580	S	10,8	10	18	07-06-1951	650	18	Z	U	122KRKDL	290460
553	S	12,8	10	20	02-19-1969	752	24	Z	U	122KRKDL	290462
542	S	12	30	24	01-23-1963	508	32	W	P	122KRKDL	290464
329	S	8	20	18	03-00-1956	300	6	Z	U	122KRKDU	290465
578	S	10	10	15	06-18-1953	940	13	W	P	122KRKDL	290544
587	S	12	5	30	12-03-1973	812	18	W	P	122KRKDL	290549
428	S	10	10	23	09-00-1965	887	29	W	P	122KRKDL	290557
557	S	10,8	5	11	07-26-1947	610	17	W	P	122KRKDL	290559
554	S	12,8	5	12	00-00-1964	600	14	W	P	122KRKDL	290560
562	S	18,12	10	32	11-00-1970	1020	7	W	P	122KRKDL	290561
497	S	12,8	10	5	12-23-1964	726	7	W	P	122KRKDL	290565
500	S	10	25	30	05-16-1980	1000	14	W	P	122KRKDL	290597
318	S	8	5	12	01-31-1983	366	5	W	P	122KRKDU	290775
--	-	-	56	--	--	--	--	T	U	122KRKDL	290812

¹ L, Louvered or shuttered; P, Perforated or slotted; R, Wire wound; S, Screened; X, Open hole; Z, Open end.

² C, Standby; O, Observation; R, Recharge; T, Test; U, Unused; W, Withdrawal; Z, Destroyed.

³ A, Air conditioning; C, Commercial; E, Power; H, Domestic; I, Irrigation; N, Industrial; P, Public supply; T, Institutional; U, Unused; Z, Other.

⁴ 121CKKD, Kirkwood-Cohansey aquifer system; 122KRKDU, Kirkwood Formation, Rio Grande water-bearing zone; 122KRKDL, Atlantic City 800-foot sand of the Kirkwood Formation; 124PNPN, Piney Point aquifer; 124MNSQ, Manasquan Formation.

Table 4.--Physical properties, common ions, and phenols in water from wells in Atlantic County and vicinity

[USGS, U.S. Geological Survey; Aquifer codes: 121CKKD, Kirkwood-Cohansey aquifer system; 122KRKDU, Kirkwood Formation, Rio Grande water-bearing zone; 122KRKDL, Atlantic City 800-foot sand of the Kirkwood Formation; and 124PNPN, Piney Point aquifer; --, data unavailable; deg C, degrees Celsius; $\mu\text{S}/\text{cm}$, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; $\mu\text{g}/\text{L}$, micrograms per liter; <, less than]

USGS Well number	Aquifer code	Date of sample	Temper- ature (deg C)	Speci- fic conduc- tance ($\mu\text{S}/\text{cm}$)	Speci- fic conduc- tance ($\mu\text{S}/\text{cm}$)	pH (stan- dard units)	pH lab (stan- dard units)	Alka- linity field (mg/L as CaCO_3)	Alka- linity lab (mg/L as CaCO_3)	Oxygen, dis- solved (mg/L)	Hard- ness (mg/L as CaCO_3)
ATLANTIC COUNTY											
010013	121CKKD	05-15-64	--	58	--	4.9	--	2	--	--	6
010015	122KRKDL	04-21-64	18.0	166	--	7.3	--	62	--	--	26
010017	121CKKD	05-08-64	--	37,900	--	7.4	--	279	--	--	4,900
010025	122KRKDL	08-22-85	19.0	--	182	7.5	7.5	60	62	0.1	28
010038	122KRKDL	04-17-56	18.5	140	--	7.8	--	53	--	--	24
010038	122KRKDL	04-21-64	18.0	141	--	7.4	--	54	--	--	24
010039	122KRKDL	08-21-84	18.5	146	144	7.3	7.3	53	53	.1	22
	122KRKDL	03-12-85	18.5	150	148	7.0	7.3	53	53	.1	23
010040	122KRKDL	08-21-84	18.0	145	145	7.2	7.2	54	54	.1	37
	122KRKDL	03-11-85	17.5	150	148	7.0	7.3	55	55	.1	37
010041	122KRKDL	08-21-84	18.5	120	119	7.2	7.2	40	42	.1	12
	122KRKDL	03-11-85	18.5	130	127	6.9	7.2	41	40	.1	15
010042	122KRKDL	04-21-64	18.0	128	--	6.9	--	33	--	--	14
	122KRKDL	03-11-85	18.0	86	85	7.0	7.2	28	27	.1	9
010069	121CKKD	10-02-85	13.5	130	124	4.8	4.6	2	1.0	8.4	32
010074	121CKKD	10-16-85	13.0	73	67	4.6	4.3	2	<1.0	2.9	10
010094	121CKKD	10-18-85	14.5	170	168	4.6	4.4	<1	<1.0	2.9	50
010109	121CKKD	11-01-85	16.5	257	249	4.4	4.4	<1	<1.0	4.0	41
010116	122KRKDL	10-16-63	--	47	--	5.9	--	8	--	--	13
	122KRKDL	08-22-84	14.5	53	45	6.0	5.9	11	8.0	.1	13
010116	122KRKDL	03-12-85	13.5	54	47	5.9	5.9	10	8.0	.2	13
010117	122KRKDL	08-22-84	14.0	53	46	6.0	5.7	11	6.0	.1	12
	122KRKDL	03-12-85	13.5	55	48	6.0	5.8	11	6.0	.4	13
010118	122KRKDL	10-16-63	--	59	--	5.7	--	7	--	--	13
010120	122KRKDL	04-24-69	14.0	290	--	8.3	--	87	--	--	89
010121	122KRKDL	08-24-84	19.5	165	163	7.3	7.6	68	64	.2	29
010134	121CKKD	10-10-84	14.0	81	75	4.9	5.4	--	3.0	--	16
010135	121CKKD	10-12-84	13.5	78	73	4.7	5.1	--	2.0	--	14
010136	121CKKD	10-10-84	14.0	33	32	5.2	5.9	--	4.0	--	5
010138	121CKKD	10-12-84	14.5	44	41	5.0	5.7	--	3.0	--	5
010151	121CKKD	10-25-85	12.5	64	59	4.3	4.3	<1	1.0	2.0	5
010154	121CKKD	10-03-85	14.5	26	31	5.2	5.8	3	3.0	6.7	3
010169	121CKKD	07-26-85	15.5	50	53	5.0	5.0	3	2.0	7.4	9
010172	121CKKD	10-24-85	13.5	46	46	4.8	4.7	2	1.0	3.2	4
010179	121CKKD	10-24-85	12.5	39	39	5.1	5.3	3	2.0	6.7	4
010180	122KRKDL	08-26-59	16.5	105	--	6.8	--	36	--	--	18
010181	121CKKD	09-27-84	13.0	63	63	5.0	5.3	4	3.0	--	5
010183	121CKKD	10-31-85	14.0	50	49	4.9	4.9	2	1.0	6.8	7
010185	121CKKD	09-17-85	15.0	43	40	4.7	4.7	2	1.0	4.3	4
010193	121CKKD	10-31-85	12.5	44	42	4.7	4.6	2	1.0	3.8	4
010198	121CKKD	09-04-85	14.0	115	109	5.2	4.8	3	2.0	7.7	25
010201	121CKKD	09-17-85	14.0	220	203	4.5	4.7	<1	<1.0	8.3	58
010226	121CKKD	10-11-84	14.5	153	145	4.9	5.3	--	4.0	--	16
010227	121CKKD	09-18-85	14.5	162	160	8.0	8.0	69	65	.7	69
010229	121CKKD	10-17-63	--	67	--	6.4	--	16	--	--	22
010229	121CKKD	04-24-69	15.0	152	--	8.2	--	61	--	--	64
010232	121CKKD	09-18-85	13.0	22	26	5.2	6.1	4	2.0	8.8	2
010244	121CKKD	10-11-84	16.0	109	109	4.7	4.7	--	2.0	--	6
	121CKKD	09-06-85	15.5	138	139	4.8	4.8	4	2.0	6.3	6
010250	121CKKD	10-11-84	15.0	30	26	4.5	4.8	--	1.0	--	2
010256	121CKKD	10-23-85	13.0	54	47	6.2	5.9	15	5.0	.3	9
010264	121CKKD	04-07-64	--	16	--	6.0	--	--	--	--	3
010278	121CKKD	03-19-64	--	116	--	5.4	--	--	--	--	22
	121CKKD	05-19-64	--	116	--	5.4	--	2	--	--	22
010279	121CKKD	02-18-86	13.5	51	49	4.5	4.2	<1	<1.0	3.6	7
010281	121CKKD	08-13-63	--	36	--	5.0	--	--	--	--	6
	121CKKD	04-24-69	14.5	77	--	4.2	--	<1	--	--	6
010286	121CKKD	09-04-85	16.0	128	125	4.5	5.1	<1	1.0	7.7	32
010290	121CKKD	10-01-85	10.0	50	50	4.5	4.3	<1	<1.0	.2	2
010325	121CKKD	02-05-86	13.0	120	120	5.8	5.6	<1	<1.0	2.9	32

Table 4.--Physical properties, common ions, and phenols in water from wells in Atlantic County and vicinity--Continued

Sodium, dis- solved (mg/L as Na)	Potas- sium, dis- solved (mg/L as K)	Calcium, dis- solved (mg/L as Ca)	Magne- sium, dis- solved (mg/L as Mg)	Silica, dis- solved (mg/L as SiO ₂)	Chlo- ride, dis- solved (mg/L as Cl)	Sulfate, dis- solved (mg/L as SO ₄)	Fluo- ride, dis- solved (mg/L as F)	Iron, dis- solved (μg/L as Fe)	Manga- nese, dis- solved (μg/L as Mn)	Phenols total (μg/L)	USGS well number
ATLANTIC COUNTY											
5.0	0.5	1.2	0.7	14	8.2	9.0	<0.1	640	30	--	010013
27	2.5	7.6	1.7	29	6.8	13	.2	300	<1	--	010015
7,600	210	340	1,000	8.2	14,000	1,800	.8	100	240	--	010017
27	3.0	8.4	1.7	29	9.6	14	.2	95	24	6	010025
18	2.8	8.2	.8	34	3.4	12	.1	140	10	--	010038
22	2.0	7.6	1.2	32	3.8	12	.3	150	<1	--	010038
21	2.8	5.8	1.9	31	3.9	15	.2	180	22	<1	010039
22	2.8	6.1	1.9	32	4.0	14	.1	190	20	<1	
14	3.5	10	2.8	34	2.1	16	.2	92	29	<1	010040
15	3.4	10	2.8	34	2.1	16	.2	100	27	<1	
20	2.4	2.9	1.1	29	3.9	14	.2	120	14	<1	010041
21	2.4	3.7	1.3	29	5.6	13	.2	340	18	<1	
21	2.0	3.2	1.5	28	11	10	.3	450	<1	--	010042
13	2.2	2.3	.9	31	2.6	9.8	.1	470	19	<1	
5.4	2.0	6.1	4.1	6.4	9.9	.7	<.1	110	27	2	010069
1.5	1.5	2.0	1.1	13	4.3	15	<.1	670	18	3	010074
3.9	4.2	13	4.2	9.0	13	25	<.1	46	25	2	010094
23	2.9	7.6	5.3	6.8	38	12	.2	59	420	3	010109
2.5	2.0	2.8	1.5	47	3.3	8.2	<.1	4,000	40	--	010116
2.0	1.6	2.5	1.6	50	3.0	7.9	.2	3,000	61	<1	
1.9	1.7	2.7	1.6	50	3.1	8.8	.1	2,900	58	<1	010116
1.9	1.5	2.4	1.5	49	2.9	9.9	.1	3,200	62	<1	010117
2.1	1.5	2.6	1.6	54	3.0	10	.2	3,200	60	<1	
2.5	2.0	2.4	1.7	51	3.3	9.6	<.1	3,600	30	--	010118
18	5.7	28	4.7	24	30	13	<.1	460	10	--	010120
22	2.6	8.8	1.6	29	4.8	12	.2	140	18	<1	010121
5.9	1.3	2.8	2.2	6.3	10	5.7	<.1	11	10	--	010134
5.6	1.1	2.7	1.8	7.9	9.2	2.4	<.1	23	8	--	010135
3.5	.7	.91	.54	8.2	5.8	1.6	<.1	20	3	--	010136
4.5	.9	.63	.89	8.6	8.2	1.8	<.1	69	15	--	010138
3.2	.9	.93	.54	11	.3	12	<.1	810	9	2	010151
2.5	.6	.36	.39	8.2	5.1	2.4	<.1	110	8	<1	010154
2.4	3.1	2.0	1.0	5.5	4.4	.6	<.1	10	23	2	010169
4.3	1.2	.6	.57	10	7.3	5.2	<.1	270	13	2	010172
4.2	.6	.13	.95	5.2	7.4	2.2	<.1	22	3	1	010179
15	2.2	4.9	1.5	36	2.2	12	.1	640	30	--	010180
8.9	.7	.26	.95	5.7	17	.5	<.1	14	10	--	010181
4.3	1.0	.61	1.3	7.2	7.2	1.8	<.1	30	11	<1	010183
3.4	.8	.61	.6	8.8	6.7	4.9	<.1	190	9	3	010185
3.5	1.0	.47	.67	9.2	5.7	4.4	<.1	98	9	2	010193
7.4	1.5	4.9	3.2	7.8	13	<.2	<.1	8	8	<1	010198
3.5	7.9	14	5.7	5.4	18	31	.1	33	63	4	010201
19	1.0	1.0	3.3	6.0	43	.5	<.1	370	19	--	010226
4.2	2.2	24	2.3	38	5.7	10	<.1	110	30	4	010227
3.5	2.2	5.2	2.2	54	3.4	9.4	.2	150	<1	--	010229
3.9	2.6	22	2.1	37	4.3	11	.3	--	--	--	010229
2.2	.4	.25	.44	6.1	5.1	1.0	<.1	20	5	8	010232
16	.4	.42	1.2	4.9	28	.3	<.1	83	52	<1	010244
20	.4	.41	1.2	5.3	41	.5	<.1	160	47	<1	
1.8	.5	.4	.3	8.4	3.2	3.7	<.1	130	7	--	010250
2.1	1.0	1.5	1.2	6.4	.2	12	<.1	6,400	78	4	010256
.9	<.1	.8	.2	3.8	2.8	.6	<.1	680	<1	--	010264
7.1	<.1	2.8	3.6	4.3	9.6	.6	<.1	160	30	--	010278
7.1	<.1	2.8	3.6	4.3	9.6	.6	<.1	160	30	--	
2.8	1.4	1.4	.8	11	3.8	4.7	<.1	68	8	1	010279
1.5	.7	2.0	.2	11	1.9	6.0	<.1	130	30	--	010281
2.9	1.4	1.4	.7	9.9	5.1	15	<.1	30	10	--	
4.1	3.8	7.7	3.0	5.0	9.7	19	<.1	52	39	<1	010286
3.5	.7	.33	.34	10	4.0	12	<.1	500	6	4	010290
4.5	3.8	7.6	3.2	6.9	9.8	14	<0.1	3,100	95	2	010325

Table 4.--Physical properties, common ions, and phenols in water from wells in Atlantic County and vicinity--Continued

USGS well number	Aquifer code	Date of sample	Temper-ature (deg C)	Specifc conduc-tance ($\mu\text{S}/\text{cm}$)	Specifc conduc-tance lab ($\mu\text{S}/\text{cm}$)	(stan-dard units)	pH lab (stan-dard units)	Alka-linity field (mg/L as CaCO_3)	Alka-linity lab (mg/L as CaCO_3)	Oxygen, dis-solved (mg/L)	Hard-ness (mg/L as CaCO_3)
ATLANTIC COUNTY--Continued											
010344	121CKKD	04-28-78	11.5	78	--	3.8	--	<1	--	--	4
010348	121CKKD	02-15-78	--	71	--	4.5	--	--	--	--	12
	121CKKD	04-16-85	12.5	70	63	4.5	4.5	1	1.0	--	7
	121CKKD	11-12-85	15.0	70	69	4.4	4.4	<1	<1.0	.5	8
010349	121CKKD	02-16-78	13.5	60	--	4.2	--	<1	--	--	4
010351	121CKKD	03-31-78	11.5	46	--	4.8	--	3	--	--	3
010352	121CKKD	02-15-78	10.0	59	--	4.3	--	--	--	--	5
	121CKKD	04-16-85	14.0	72	71	4.5	4.3	<1	<1.0	--	5
010353	121CKKD	04-22-64	13.5	70	--	5.6	--	7	--	--	10
	121CKKD	08-20-68	11.5	65	--	5.6	--	7	--	--	9
010353	121CKKD	09-07-73	14.0	102	--	5.5	--	5	--	--	12
010367	122KRKDL	04-21-64	18.0	168	--	7.4	--	67	--	--	30
	122KRKDL	08-24-84	19.0	156	169	7.5	7.5	64	64	.4	29
	122KRKDL	03-13-85	19.0	177	179	7.4	7.5	65	65	.2	31
010370	122KRKDL	03-13-85	19.0	167	164	7.2	7.4	63	60	.1	29
010372	122KRKDL	08-23-84	19.0	152	149	7.4	7.4	58	57	.1	27
010375	122KRKDL	03-13-85	18.5	165	162	7.4	7.4	60	59	.1	31
010376	122KRKDL	08-23-84	18.5	154	161	7.4	7.5	60	59	.1	40
010377	121CKKD	12-20-57	12.0	23	--	5.1	--	1	--	--	3
	121CKKD	04-24-69	--	17	--	6.3	--	2	--	--	2
010378	121CKKD	09-05-85	13.5	101	97	4.3	4.0	<1	<1.0	.8	15
010383	121CKKD	10-03-85	14.5	32	31	5.2	5.2	5	3.0	11.4	5
010387	121CKKD	10-18-61	12.0	21	--	5.6	--	5	--	--	5
	121CKKD	06-21-84	12.5	22	21	5.5	5.5	7	3.0	8.4	4
010388	121CKKD	09-05-85	14.0	76	77	5.0	5.0	4	3.0	5.6	11
010391	121CKKD	07-26-85	13.0	34	36	5.1	4.9	3	1.0	<.1	4
010401	121CKKD	10-04-85	14.0	52	50	4.5	4.4	<1	<1.0	.3	5
010405	121CKKD	04-24-69	13.5	46	--	4.4	--	<1	--	--	4
010483	121CKKD	06-10-60	12.0	29	--	4.7	--	--	--	--	2
	121CKKD	06-12-60	12.0	29	--	4.7	--	--	--	--	3
010483	121CKKD	06-22-60	12.0	26	--	5.4	--	--	--	--	2
010487	121CKKD	06-14-57	--	29	--	5.4	--	--	--	--	3
010492	121CKKD	06-14-60	10.0	28	--	5.0	--	--	--	--	3
010493	121CKKD	06-10-60	10.0	23	--	5.8	--	--	--	--	3
	121CKKD	06-14-60	10.0	26	--	5.1	--	--	--	--	4
010493	121CKKD	06-15-60	10.0	25	--	5.8	--	--	--	--	3
	121CKKD	06-22-60	10.0	28	--	4.7	--	--	--	--	2
010510	121CKKD	06-28-60	10.0	29	--	5.6	--	--	--	--	2
010542	121CKKD	06-10-60	10.0	22	--	5.3	--	--	--	--	6
	121CKKD	06-14-60	8.5	23	--	5.1	--	--	--	--	3
010542	121CKKD	06-22-60	8.5	24	--	4.8	--	--	--	--	3
	121CKKD	06-28-60	8.5	25	--	4.7	--	--	--	--	3
	121CKKD	06-21-84	12.0	122	30	6.8	5.4	66	2.0	.2	2
	121CKKD	10-08-85	12.0	122	33	6.5	6.6	64	4.0	.1	2
010543	121CKKD	09-10-59	15.0	137	--	6.9	--	--	--	--	32
010543	121CKKD	11-29-63	15.0	135	--	7.4	--	--	--	--	28
010549	121CKKD	04-22-64	13.0	92	--	5.2	--	3	--	--	22
010563	121CKKD	01-26-33	--	--	--	--	--	3	--	--	8
010567	121CKKD	04-28-64	10.0	54	--	4.8	--	2	--	--	8
010568	122KRKDL	08-24-84	17.0	113	112	6.8	7.2	44	42	.1	27
010569	121CKKD	01-26-32	--	--	--	--	--	1	--	--	15
	121CKKD	09-06-33	--	--	--	--	--	2	--	--	17
010573	121CKKD	04-28-64	10.0	125	--	5.1	--	--	--	--	22
	121CKKD	02-13-32	--	--	--	--	--	<1	--	--	150
	121CKKD	09-06-33	--	--	--	--	--	<1	--	--	120
010573	121CKKD	04-28-64	10.0	95	--	5.2	--	2	--	--	14
010574	121CKKD	09-05-33	--	--	--	--	--	<1	--	--	7
	121CKKD	04-28-64	10.0	64	--	4.8	--	2	--	--	10
010575	121CKKD	09-05-33	--	--	--	--	--	<2	--	--	8
	121CKKD	04-28-64	10.0	53	--	5.5	--	5	--	--	12

Table 4.--Physical properties, common ions, and phenols in water from wells in Atlantic County and vicinity--Continued

Sodium, dis- solved (mg/L as Na)	Potas- sium, dis- solved (mg/L as K)	Calcium, dis- solved (mg/L as Ca)	Magne- sium, dis- solved (mg/L as Mg)	Silica, dis- solved (mg/L as SiO ₂)	Chlo- ride, dis- solved (mg/L as Cl)	Sulfate, dis- solved (mg/L as SO ₄)	Fluo- ride, dis- solved (mg/L as F)	Iron, dis- solved (μ g/L as Fe)	Manga- nese, dis- solved (μ g/L as Mn)	Phenols total (μ g/L)	USGS well number
ATLANTIC COUNTY--Continued											
1.8	.2	1.0	.3	2.6	5.2	13	<.1	250	20	--	010344
2.2	.2	2.2	1.5	2.1	5.0	16	<.1	40	20	--	010348
2.0	.1	1.7	.71	2.7	4.3	15	.02	14	15	--	
3.1	.2	1.8	.73	3.1	6.1	15	<.1	12	17	2	
2.3	1.1	.8	.5	11	3.5	12	<.1	770	<10	--	010349
1.2	.3	.9	.3	2.5	1.8	11	<.1	4,800	30	--	010351
1.6	.4	.9	.7	3.6	3.3	13	<.1	<10	30	--	010352
4.5	.4	1.3	.48	3.5	6.3	13	.04	7	42	--	
8.0	.2	1.6	1.5	9.3	14	3.4	<.1	680	30	--	010353
7.9	.8	1.6	1.2	10	12	3.2	.1	570	40	--	
12	1.2	--	2.2	10	17	7.0	--	--	--	--	010353
26	2.5	8.8	1.9	28	6.8	12	.2	100	<1	--	010367
25	2.7	9.0	1.7	28	7.4	14	.2	110	13	<1	
26	2.8	9.5	1.7	29	7.5	12	.2	180	14	<1	
23	2.7	8.9	1.7	29	6.5	12	.2	74	14	<1	010370
20	2.6	8.2	1.6	29	4.4	11	.2	58	15	<1	010372
21	2.9	9.4	1.9	29	6.8	12	.2	160	14	<1	010375
17	3.1	12	2.4	28	<.1	12	.2	110	17	<1	010376
1.5	.4	.8	.2	13	2.2	3.6	<.1	30	<1	--	010377
1.6	.4	.4	.3	7.3	4.5	1.1	<.1	30	<1	--	
2.4	1.1	2.6	2.1	11	7.0	19	<.1	1,200	19	<1	010378
3.1	.3	.73	.71	6.1	6.5	<.2	<.1	35	4	3	010383
1.6	.5	.8	.7	7.1	3.2	<.2	<.1	130	<1	--	010387
1.7	.3	.85	.34	6.2	4.0	1.5	<.1	490	5	<1	
8.2	.7	1.2	1.9	6.3	16	<.2	<.1	59	18	<1	010388
2.0	.9	.47	.64	17	4.4	6.5	<.1	1,900	9	1	010391
1.9	.7	.76	.82	9.3	3.2	11	<.1	260	11	1	010401
2.0	1.6	.8	.6	25	4.1	10	.1	40	20	--	010405
3.5	.2	.4	.2	4.8	5.5	1.5	<.1	8,200	100	--	010483
2.8	.1	.8	.2	4.4	5.4	2.1	<.1	15,000	90	--	
3.5	.2	.4	.2	4.8	4.6	.4	<.1	10,000	70	--	010483
1.0	1.2	.4	.4	7.0	2.6	.4	.1	25,000	10	--	010487
2.7	<.1	.4	.5	3.9	4.5	3.6	--	11,000	90	--	010492
3.5	.2	.4	.5	5.7	4.3	2.9	--	11,000	60	--	010493
2.8	.1	.8	.5	6.1	5.4	1.5	<.1	3,200	40	--	
2.8	.1	1.2	<.1	4.8	4.9	1.9	<.1	34,000	30	--	010493
3.5	.5	.4	.2	3.9	4.3	3.3	<.1	10,000	100	--	
3.5	.2	.4	.2	4.8	3.4	1.5	<.1	10,000	40	--	010510
2.7	.2	.4	1.2	4.8	4.0	3.1	<.1	11,000	30	--	010542
3.9	.5	.4	.5	5.2	3.2	2.7	<.1	4,800	130	--	
2.7	.2	1.2	<.1	4.8	3.5	3.8	<.1	11,000	20	--	010542
3.0	.1	.8	.2	5.1	3.3	2.5	<.1	11,000	30	--	
1.4	.2	.22	.3	5.6	10	65	<.1	36,000	5	<1	
1.5	.1	.25	.31	5.7	11	56	<.1	37,000	3	6	
19	2.3	8.2	2.8	9.8	2.2	11	.2	2,900	650	--	010543
17	2.2	7.2	2.4	16	2.6	12	.2	4,600	260	--	010543
6.4	1.5	2.8	3.6	8.2	11	9.2	<.1	170	<1	--	010549
6.0	.8	1.4	1.0	5.6	10	1.5	--	--	--	--	010563
3.5	1.5	1.6	1.0	26	5.8	11	<.1	1,600	<1	--	010567
12	2.3	7.9	1.7	35	2.2	9.3	.1	280	34	<1	010568
7.8	1.4	1.8	2.5	7.1	12	4.5	--	--	--	--	010569
9.0	1.0	2.0	2.9	6.2	13	5.4	--	--	--	--	
11	1.0	3.2	3.4	6.5	19	11	.1	40	30	--	
220	5.2	13	28	12	430	37	--	--	--	--	010573
180	4.0	10	23	7.2	360	27	--	--	--	--	
10	1.0	1.6	2.4	7.0	14	2.0	.1	230	20	--	010573
5.0	1.5	1.2	1.0	19	6.0	11	--	--	--	--	010574
3.5	1.5	2.4	1.0	17	7.1	12	<.1	1,500	<1	--	
4.4	1.4	1.6	.9	22	4.5	11	--	--	--	--	010575
3.5	1.5	2.4	1.5	18	5.4	11	<.1	1,400	30	--	

Table 4.--Physical properties, common ions, and phenols in water from wells in Atlantic County and vicinity--Continued

USGS well number	Aquifer code	Date of sample	Temper-ature (deg C)	Spe-cific conduc-tance ($\mu\text{S}/\text{cm}$)	Spe-cific conduc-tance lab ($\mu\text{S}/\text{cm}$)	(stan-dard units)	pH lab (stan-dard units)	Alka-linity field (mg/L as CaCO_3)	Alka-linity lab (mg/L as CaCO_3)	Oxygen, dis-solved (mg/L)	Hard-ness (mg/L as CaCO_3)
ATLANTIC COUNTY--Continued											
010575	121CKKD	10-17-85	13.0	55	56	5.8	5.6	9	4.0	0.2	11
010576	121CKKD	03-27-64	--	27,800	--	3.9	--	<1	--	--	4,000
010578	122KRKDL	09-12-59	--	163	--	7.6	--	65	--	--	42
	122KRKDL	04-29-69	15.0	174	--	8.2	--	66	--	--	51
010583	121CKKD	04-22-64	13.0	60	--	5.9	--	--	--	--	8
010592	121CKKD	10-29-85	13.0	51	54	5.5	5.4	9	5.0	6.8	5
010593	122KRKDL	08-23-84	18.5	152	153	7.5	7.6	61	61	.1	34
	122KRKDL	03-13-85	18.5	160	160	7.6	7.5	64	61	.1	34
010597	122KRKDL	04-21-64	18.5	138	--	7.5	--	53	--	--	24
010598	122KRKDL	08-23-84	18.5	151	151	7.5	7.5	56	57	.1	26
010600	122KRKDL	08-23-84	18.5	142	141	7.4	7.5	55	52	.1	23
	122KRKDL	03-13-85	18.5	144	142	7.4	7.4	52	53	.1	24
010601	121CKKD	10-03-85	14.0	24	23	4.6	5.2	4	3.0	9.4	3
010604	121CKKD	10-29-85	13.5	51	52	6.0	5.9	12	11	1.2	--
010611	121CKKD	09-26-85	13.0	134	127	4.4	4.4	<1	<1.0	6.5	25
010628	121CKKD	10-17-85	14.5	57	57	5.0	5.0	3	3.0	9.2	13
010639	121CKKD	11-01-85	13.5	60	59	4.8	5.0	3	2.0	6.3	13
010648	122KRKDL	05-12-85	18.5	270	271	7.7	7.7	83	82	.2	32
010680	122KRKDL	04-25-85	18.5	197	200	8.4	8.1	80	82	.3	54
010682	122KRKDL	08-22-84	19.0	156	175	7.2	7.4	68	65	.1	25
010682	122KRKDL	03-12-85	18.5	180	185	7.6	7.6	68	65	.2	26
010699	121CKKD	02-10-86	12.5	155	173	8.0	8.0	74	71	.2	77
010701	124PNPN	02-18-86	15.0	475	486	8.3	8.1	210	211	.3	68
010702	122KRKDL	04-04-85	18.5	123	--	7.3	--	64	--	--	24
	122KRKDL	02-12-86	16.5	180	184	9.6	9.1	70	63	.3	30
010703	122KRKDL	03-28-85	18.5	112	--	7.1	--	44	--	--	31
	122KRKDL	02-25-86	15.5	136	140	8.7	8.4	62	52	.1	37
010704	122KRKDL	04-03-85	16.0	125	--	7.2	--	--	--	--	43
	122KRKDL	02-11-86	13.0	149	155	9.1	8.7	66	61	.7	44
010706	122KRKDL	04-02-85	15.5	102	--	6.7	--	--	--	--	24
010706	122KRKDL	02-20-86	15.0	155	165	9.6	9.3	70	65	.1	32
010710	122KRKDL	09-11-85	19.5	502	485	8.4	7.9	105	100	.1	29
	122KRKDL	09-13-85	19.5	502	483	8.4	8.0	103	100	.1	29
010711	122KRKDL	08-11-85	18.5	228	226	7.9	7.4	68	72	.1	33
	122KRKDL	08-13-85	19.0	215	218	7.9	7.2	75	--	--	--
010711	122KRKDL	08-14-85	19.0	221	220	7.9	7.6	73	71	.1	32
010712	121CKKD	10-10-85	13.5	79	72	6.2	6.3	23	19	.2	21
010713	124PNPN	10-10-85	15.0	750	763	8.4	8.5	228	230	.2	58
010714	121CKKD	11-13-85	12.0	21	21	5.1	5.4	4	2.0	6.9	2
010717	121CKKD	10-09-85	14.0	104	98	6.8	6.7	35	33	.1	36
010718	121CKKD	11-13-85	13.5	33	35	4.9	5.5	2	1.0	9.8	6
010719	121CKKD	11-13-85	14.0	19	18	5.1	5.1	3	2.0	6.2	2
010720	121CKKD	11-12-85	14.5	70	68	4.9	4.9	3	1.0	3.7	12
010721	121CKKD	11-14-85	15.5	135	131	4.5	4.5	<1	1.0	7.4	30
010731	121CKKD	11-25-85	13.0	43	44	5.0	5.6	3	1.0	4.7	6
010732	121CKKD	10-24-85	13.5	90	88	4.9	4.8	2	2.0	3.2	11
010736	121CKKD	11-26-85	13.5	43	32	4.8	5.2	1	<1.0	3.9	5
010739	121CKKD	11-26-85	14.0	49	42	4.5	4.8	<1	<1.0	.2	3
010740	121CKKD	12-18-85	14.0	102	102	4.4	4.8	<1	<1.0	3.4	22
010741	121CKKD	11-20-85	16.5	37	39	4.5	4.8	3	2.0	6.4	8
010742	121CKKD	11-20-85	14.5	282	--	5.9	--	124	--	.3	--
010743	121CKKD	11-20-85	14.5	52	52	4.9	5.6	2	2.0	8.5	8
010744	121CKKD	12-18-85	16.0	55	56	5.0	5.6	3	<1.0	7.5	8
010745	121CKKD	12-18-85	11.0	154	84	6.6	5.9	52	8.0	--	6
010746	121CKKD	12-19-85	16.0	800	486	6.0	5.7	285	19	.3	14
010747	121CKKD	11-15-85	12.5	36	37	5.0	5.1	3	2.0	9.0	5
010748	121CKKD	02-27-86	12.0	19	21	5.1	5.5	3	1.0	9.6	2
010749	121CKKD	11-19-85	14.5	282	181	5.9	5.5	124	35	.3	37
010750	121CKKD	12-10-85	14.0	48	51	4.9	5.2	5	3.0	9.1	11
010751	121CKKD	02-26-86	7.5	720	812	5.9	5.9	322	259	.3	240

Table 4.--Physical properties, common ions, and phenols in water from wells in Atlantic County and vicinity--Continued

Sodium, dis- solved (mg/L as Na)	Potas- sium, dis- solved (mg/L as K)	Calcium, dis- solved (mg/L as Ca)	Magne- sium, dis- solved (mg/L as Mg)	Silica, dis- solved (mg/L as SiO ₂)	Chlo- ride, dis- solved (mg/L as Cl)	Sulfate, dis- solved (mg/L as SO ₄)	Fluo- ride, dis- solved (mg/L as F)	Iron, dis- solved (μg/L as Fe)	Manga- nese, dis- solved (μg/L as Mn)	Phenols total (μg/L)	USGS Well number
ATLANTIC COUNTY--Continued											
3.0 5,300	1.9 120	2.4 370	1.3 740	19 16	5.4 9,800	9.1 1,300	<0.1 <.1	1,600 6,400	36 1,800	2 40	010575 010576
18	3.6	13	2.3	33	5.6	14	.2	50	..	..	010578
19	..	16	2.6	36	6.7	16	.3	..	..	..	..
7.5	.2	1.6	1.0	7.6	10	2.6	<.1	20	20	..	010583
6.7 18	.7 3.0	.31 10	1.1 2.1	6.5 28	10 4.6	2.2 12	<.1 .2	310 92	11 12	<1 <1	010592 010593
19	3.0	10	2.1	29	4.7	11	.2	89	11	<1	..
21	2.0	6.8	1.7	30	3.9	8.2	.3	70	<1	..	010597
21	2.6	7.8	1.5	29	5.2	14	.2	67	9	<1	010598
19	2.4	7.0	1.4	30	3.7	16	.2	56	9	<1	010600
21	2.5	7.4	1.4	31	3.7	12	.2	82	8	<1	..
2.5 11	.4 <.1	.31 <.02	.49 <.01	5.5 20	3.8 4.1	.4 7.1	<.1 .1	25 56	2 <1	9 1	010601 010604
7.4	2.9	4.1	3.5	6.1	14	<.2	<.1	20	37	8	010611
2.9 3.3	1.9 1.1	.94 2.9	2.6 1.3	6.3 7.9	5.4 5.4	6.4 2.2	<.1 <.1	9 13	6 12	2 2	010628 010639
45	3.4	9.3	2.1	28	23	16	.2	94	20	<1	010648
19	4.1	17	2.8	24	4.7	13	.2	70	1	<1	010680
27	3.0	7.2	1.6	28	7.9	17	.2	120	22	<1	010682
29	2.9	7.9	1.6	29	8.0	16	.3	110	22	<1	010682
3.8 79	2.3 7.8	28 14	1.6 7.9	54 12	2.3 27	8.8 5.7	.1 .7	79 81	12 3	4 4	010699 010701
17	2.6	7.5	1.4	33	..	..	..	66	11	1	010702
22	5.9	10	1.1	32	9.6	11	.2	30	7	..	..
9.1 10	5.3 6.8	9.4 12	1.9 1.8	36 37	.. 2.0	.. 8.7	.. .2	320 170	28 22	1 ..	010703 ..
7.1 8.3	2.8 9.2	13 14	2.6 2.1	41 42	.. 2.2	.. 9.6	.. .1	900 130	36 22	1 ..	010704 ..
11	2.2	7.3	1.4	42	..	..	..	440	27	2	010706
12 91	12 5.9	11 8.9	1.1 1.7	43 21	2.4 79	9.4 18	.1 .2	110 60	12 <1	.. 3	010706 010710
90	5.7	8.7	1.7	21	77	18	.2	51	<1	5	..
33	3.7	10	2.0	26	16	16	.2	92	4	1	010711
..	3.3	..	..	..	15	16	<.1	..	..	3	..
31 3.8	3.4 1.9	9.6 7.1	1.8 .9	26 24	15 3.2	16 11	.2 .1	77 2,800	4 34	<1 6	010711 010712
150	11	13	6.3	13	110	4.9	.7	130	7	6	010713
2.2	.3	.25	.41	5.2	3.5	.8	<.1	<3	4	1	010714
4.1	2.6	10	2.6	64	4.0	9.0	.2	980	38	5	010717
3.0 2.5	.5 .3	.85 .23	.9 .39	4.5 4.6	4.5 3.1	4.9 1.3	<.1 .1	<3 140	17 10	.. 5	010718 010719
5.7 7.2	1.3 2.7	2.5 9.6	1.4 1.5	3.3 3.7	5.4 10	6.4 23	<.1 .1	900 130	41 22	3 2	010720 010721
3.7	.9	1.3	.6	8.3	5.4	4.6	<.1	57	4	2	010731
9.7 2.0	1.3 .8	.66 .6	2.3 2.3	9.4 9.8	12 3.3	1.8 4.0	<.1 .1	64 70	49 4	2 ..	010732 010736
2.5 3.2	2.2 1.4	.7 4.5	.4 2.6	14 5.1	3.3 5.4	9.1 17	<.1 .1	460 33	8 29	6 ..	010739 010740
1.4	.6	.88	1.3	3.8	3.1	5.2	<.1	10	44	..	010741
..	..	..	..	..	..	..	..	..	..	..	010742
4.6	.8	.53	1.6	4.6	7.9	7.3	<.1	10	14	2	010743
4.5	.7	1.7	.9	4.1	7.9	8.4	<.1	9	84	2	010744
4.6	2.0	.8	.9	2.5	5.7	11	<.1	27,000	9	2	010745
30	4.5	1.5	2.4	5.5	58	13	<.1	150,000	<3	14	010746
4.4 1.8	.6 .4	.81 .2	.75 .4	4.8 4.9	6.8 3.4	2.0 .2	<.1 .1	<3 5	11 1	<1 <1	010747 010748
14	1.3	6.7	4.9	2.9	20	7.9	<.1	58,000	310	3	010749
2.0	1.1	2.7	1.0	4.9	3.7	6.3	<.1	12	43	<1	010750
68	2.4	75	14	2.4	83	10	<.1	18,000	1,700	360	010751

Table 4--Physical properties, common ions, and phenols in water from wells in Atlantic County and vicinity--Continued

USGS well number	Aquifer code	Date of sample	Temper- ature (deg C)	Spe- cific conduc- tance (μ S/cm)	Spe- cific conduc- tance lab (μ S/cm)	pH (stan- dard units)	pH lab (stan- dard units)	Alka- linity field (mg/L as CaCO_3)	Alka- linity lab (mg/L as CaCO_3)	Oxygen, dis- solved (mg/L)	Hard- ness (mg/L as CaCO_3)
ATLANTIC COUNTY--Continued											
010752	121CKKD	12-19-85	17.0	165	155	5.9	5.8	69	36	9.0	54
010753	121CKKD	12-10-85	14.0	146	151	6.4	6.5	49	41	2.8	49
010754	121CKKD	12-06-85	15.0	29	30	5.0	5.4	4	1.0	11.4	2
010755	121CKKD	12-17-85	14.0	48	51	4.9	5.3	3	<1.0	7.3	9
010756	121CKKD	12-05-85	15.0	2,000	1,860	6.5	6.4	926	768	.3	440
010757	121CKKD	12-11-85	13.0	42	46	5.4	5.6	5	1.0	6.8	6
010758	121CKKD	02-05-86	7.0	475	555	6.6	6.6	186	200	2.1	210
	121CKKD	02-05-86	7.0	475	553	6.6	6.5	186	201	2.1	220
010759	121CKKD	11-21-85	19.0	1,650	1,520	6.6	6.4	850	654	.6	570
010760	121CKKD	11-21-85	15.5	83	80	4.7	4.7	1	1.0	4.1	19
010761	121CKKD	12-05-85	14.5	920	811	6.4	6.3	465	388	.3	290
010762	121CKKD	11-22-85	14.0	41	47	4.9	5.1	3	2.0	.7	4
010763	121CKKD	11-19-85	13.0	20	22	4.9	5.2	3	2.0	7.6	2
010764	121CKKD	02-26-86	11.0	23	28	5.3	5.8	3	1.0	10.3	3
010765	121CKKD	11-25-85	13.0	27	30	5.1	5.7	2	1.0	7.3	3
010766	121CKKD	10-30-85	13.5	27	29	5.3	5.7	4	2	5.9	3
010767	121CKKD	11-21-85	14.0	58	59	5.0	5.2	3	3.0	6.7	8
010768	121CKKD	10-25-85	13.0	32	33	5.4	5.4	6	3.0	5.6	4
010769	121CKKD	11-26-85	13.0	132	121	7.2	7.3	50	42	.2	44
010770	121CKKD	11-15-85	14.5	91	90	4.7	4.8	4	2.0	8.9	15
010771	121CKKD	12-17-85	13.0	55	59	5.3	5.7	4	1.0	5.1	6
010772	121CKKD	10-02-85	14.0	208	202	4.4	4.2	<1	<1.0	10.2	56
010773	121CKKD	09-06-85	13.0	16	16	5.4	5.3	4	3.0	7.8	2
010774	121CKKD	02-06-86	13.0	160	--	8.2	8.3	80	--	.6	80
010775	121CKKD	10-11-85	13.0	46	46	4.5	4.4	<1	<1.0	.2	4
010776	121CKKD	10-11-85	12.5	30	30	4.7	5.1	1	3.0	7.4	3
010778	121CKKD	10-16-85	13.0	26	27	5.3	5.2	5	3.0	7.8	3
01D834	124PNPN	05-19-88	19.5	1,750	1,820	8.2	8.1	424	435	.1	51

Table 4--Physical properties, common ions, and phenols in water from wells in Atlantic County and vicinity--Continued

Sodium, dis- solved (mg/L as Na)	Potas- sium, dis- solved (mg/L as K)	Calci- um, dis- solved (mg/L as Ca)	Magne- sium, dis- solved (mg/L as Mg)	Silica, dis- solved (mg/L as SiO ₂)	Chlo- ride, dis- solved (mg/L as Cl ⁻)	Sulfate, dis- solved (mg/L as SO ₄ ²⁻)	Fluo- ride, dis- solved (mg/L as F ⁻)	Iron, dis- solved (μ g/L as Fe)	Manga- nese, dis- solved (μ g/L as Mn)	Phenols total (μ g/L)	USGS well number
ATLANTIC COUNTY--Continued											
5.2	3.0	15	4.0	11	10	<0.1	17,000	260	7	010752	
6.5	5.4	15	2.7	2.4	7.4	<.1	2,600	58	<1	010753	
3.4	.5	.18	.44	5.8	5.3	<.1	43	9	2	010754	
3.0	.8	1.4	1.4	4.1	6.2	<.1	330	27	1	010755	
98	45	130	29	2.1	120	8.0	<.1	97,000	350	--	010756
3.9	.7	.5	1.1	4.7	6.7	5.0	<.1	600	11	<1	010757
14	12	72	8.5	4.9	12	53	<.1	12,000	94	1	010758
14	11	74	8.7	5.0	13	56	<.1	13,000	99	2	
47	43	180	29	5.4	62	140	<.1	120,000	1200	9	010759
3.6	.9	4.3	2.0	4.3	10	20	<.1	350	200	2	010760
12	25	93	15	2.3	17	28	<.1	57,000	570	--	010761
1.9	.7	.70	.63	23	3.4	11	<.1	2,700	10	--	010762
1.8	.3	.13	.37	4.3	3.7	.4	<.1	120	3	1	010763
2.9	.4	.4	.5	5.4	5.2	.6	<.1	140	6	<1	010764
2.6	.4	.6	.3	6.4	4.4	1.8	<.1	41	4	2	010765
2.8	.6	.46	.45	7.6	4.7	2.0	<.1	<3	4	<1	010766
5.7	1.6	1.6	1.0	13	9.8	7.5	<.1	250	9	<1	010767
3.1	.7	.85	.51	9.2	5.7	1.8	<.1	13	3	1	010768
4.1	3.9	9.2	5.1	59	2.3	10	<.1	430	23	5	010769
9.0	.7	.43	3.5	5.8	13	.2	<.1	<3	13	<1	010770
6.3	1.5	.9	.8	10	11	1.6	<.1	160	4	4	010771
2.4	5.0	9.5	7.9	4.6	13	.4	<.1	13	57	2	010772
1.4	.3	.48	.29	5.5	2.3	<.2	<.1	6	<1	<1	010773
2.6	2.1	26	3.6	58	2.5	7.9	<.1	6	9	<1	010774
2.9	2.2	.74	.54	12	4.3	8.0	<.1	620	16	35	010775
3.6	1.1	.4	.56	6.7	5.8	1.4	<.1	7	4	6	010776
3.0	.4	.36	.48	5.6	5.1	1.0	<.1	14	7	4	010778
360	--	8.0	7.4	22	290	64	1.1	280	4	--	010834

Table 4.--Physical properties, common ions, and phenols in water from wells in Atlantic County and vicinity--Continued

USGS well number	Aquifer code	Date of sample	Temper- ature (deg C)	Speci- fic conduc- tance (μ S/cm)	Speci- fic conduc- tance (μ S/cm)	pH lab	pH (stan- dard units)	Alka- linity field (mg/L as CaCO_3)	Alka- linity lab (mg/L as CaCO_3)	Oxygen, dis- solved (mg/L)	Hard- ness (mg/L as CaCO_3)
CAPE MAY COUNTY											
090002	122KRKDL	08-29-84	19.5	257	245	8.7	8.3	92	88	0.1	28
090004	122KRKDL	08-29-84	20.0	380	365	8.7	8.1	93	91	.1	32
090005	122KRKDL	03-19-85	19.0	231	237	8.4	8.3	87	85	.1	41
090008	122KRKDL	08-29-84	20.0	341	330	8.6	8.1	--	90	.1	36
	122KRKDL	03-19-85	19.5	330	338	8.4	8.3	92	91	.1	36
090092	122KRKDL	08-30-84	19.0	339	323	8.6	8.1	92	89	.1	44
	122KRKDL	03-19-85	19.0	325	333	8.5	8.3	92	91	.2	47
090106	122KRKDL	08-30-84	19.5	209	200	8.0	7.9	75	73	.1	35
090108	122KRKDL	08-30-84	19.5	212	200	7.9	7.8	79	76	.1	33
	122KRKDL	03-19-85	18.5	203	208	7.8	7.8	77	77	.1	36
090109	122KRKDL	08-30-84	19.0	200	192	7.9	7.6	76	74	.2	34
090110	122KRKDL	08-30-84	19.0	197	187	7.8	7.7	75	74	.1	32
090116	122KRKDL	08-30-84	19.0	191	182	7.8	7.8	73	73	.2	32
090124	122KRKDL	08-30-84	19.0	200	193	7.8	7.6	73	72	.1	31
	122KRKDL	03-19-85	18.5	192	199	7.8	7.7	73	72	.1	31
090126	122KRKDL	04-09-63	18.5	250	--	7.9	--	80	--	--	44
	122KRKDL	09-05-73	19.5	232	--	8.0	--	84	--	--	47
	122KRKDL	08-28-84	19.5	241	231	8.5	8.1	88	86	.2	47
090127	122KRKDL	03-18-85	18.5	234	238	8.4	8.1	86	86	.2	47
	122KRKDL	08-28-84	19.0	253	242	8.5	8.3	--	88	.2	45
090127	122KRKDL	03-18-85	19.5	233	238	8.3	8.2	88	89	.1	48
090129	122KRKDL	08-28-84	19.5	238	226	8.1	8.1	89	85	.1	42
	122KRKDL	03-18-85	19.5	222	235	8.4	8.2	86	87	.2	42
090132	122KRKDL	04-09-63	20.0	850	--	7.7	--	110	--	--	48
	122KRKDL	09-05-73	20.0	338	--	9.0	--	106	--	--	32
090132	122KRKDL	08-29-84	20.0	352	340	8.8	8.3	--	105	.1	23
	122KRKDL	03-20-85	19.5	315	336	8.7	8.5	105	107	.2	24
090135	122KRKDL	08-29-84	20.0	310	303	8.8	8.3	107	101	.1	20
	122KRKDL	03-20-85	19.5	290	298	8.8	8.6	103	102	.2	21
090136	122KRKDL	08-21-63	18.5	220	--	8.1	--	80	--	--	31
090136	122KRKDL	08-31-84	19.0	225	211	8.1	8.1	77	77	.1	30
	122KRKDL	03-19-85	19.0	212	217	8.1	8.0	77	78	.1	31
090144	122KRKDL	08-28-84	18.5	154	162	7.4	7.6	65	64	.1	32
	122KRKDL	03-21-85	18.0	162	167	7.1	7.7	60	65	.1	32
090148	122KRKDL	08-28-84	18.5	184	178	7.9	8.0	75	74	.1	46
090148	122KRKDL	03-20-85	18.0	177	182	7.9	8.0	73	75	.1	46
090161	122KRKDL	08-30-84	17.0	450	442	8.2	8.1	123	124	.1	95
	122KRKDL	03-20-85	18.0	380	380	8.3	8.0	110	114	.1	26
090166	122KRKDL	08-29-84	19.5	272	263	8.8	8.3	--	98	.1	21
	122KRKDL	03-20-85	20.0	270	270	8.9	8.5	97	97	.1	22
090173	122KRKDL	08-29-84	19.0	354	312	8.8	8.2	104	103	.1	24
	122KRKDL	03-20-85	18.5	303	302	8.7	8.5	105	104	.2	25
090185	122KRKDL	04-05-85	18.5	202	--	8.9	--	--	--	--	56
	122KRKDL	02-21-86	16.5	258	211	10.4	9.9	120	77	.1	75

Table 4.--Physical properties, common ions, and phenols in water from wells in Atlantic County and vicinity--Continued

Sodium, dis- solved (mg/L as Na)	Potas- sium, dis- solved (mg/L as K)	Calcium, dis- solved (mg/L as Ca)	Magne- sium, dis- solved (mg/L as Mg)	Silica, dis- solved (mg/L as SiO ₂)	Chlo- ride, dis- solved (mg/L as Cl)	Sulfate, dis- solved (mg/L as SO ₄)	Fluo- ride, dis- solved (mg/L as F)	Iron, dis- solved (μg/L as Fe)	Manga- nese, dis- solved (μg/L as Mn)	Phenols total (μg/L)	USGS well number
CAPE MAY COUNTY											
42	3.8	8.9	1.4	27	14	17	0.2	20	<1	<1	090002
61	4.7	9.9	1.8	15	50	18	.2	6	<1	<1	090004
34	3.8	13	2.1	17	12	16	.1	10	<1	<1	090005
54	4.7	11	2.0	16	40	17	.2	49	<1	<1	090008
58	4.7	11	2.1	16	39	17	.1	45	<1	3	
48	5.1	13	2.8	17	37	17	.1	4	<1	<1	090092
52	5.0	14	2.9	17	37	16	.2	6	<1	<1	
28	3.0	11	1.9	24	12	13	.2	13	<1	<1	090106
29	3.0	10	2.0	25	11	13	.2	29	<1	<1	090108
31	3.0	11	2.0	25	9.7	13	.2	23	1	1	
26	3.1	10	2.1	26	8.3	12	.2	18	2	<1	090109
27	3.0	9.7	1.8	26	7.7	12	.2	36	2	<1	090110
26	3.0	10	1.6	27	6.9	12	.2	25	<1	<1	090116
29	2.9	9.7	1.6	26	10	13	.2	23	3	<1	090124
32	2.9	9.8	1.6	26	9.7	12	.2	30	4	<1	
30	4.8	13	2.9	21	12	15	.1	70	<1	--	090126
28	4.8	--	--	18	11	13	--	--	--	--	
29	4.4	15	2.4	18	12	16	.1	17	<1	<1	
30	4.4	15	2.4	18	12	15	.2	16	<1	<1	
33	4.0	14	2.5	17	15	15	.1	5	<1	<1	090127
31	4.0	15	2.6	18	11	14	.1	22	1	1	090127
32	3.6	13	2.3	17	12	15	.2	3	<1	<1	090129
34	3.6	13	2.4	17	12	14	.1	4	<1	3	
150	8.0	15	2.6	20	150	23	.2	--	--	--	090132
64	5.2	--	--	24	30	16	--	--	--	--	
62	4.4	7.3	1.1	23	34	20	.2	3	<1	<1	090132
64	4.5	7.7	1.2	23	30	18	.2	3	<1	<1	
55	3.9	6.2	1.2	25	22	19	.2	16	<1	<1	090135
57	4.0	6.6	1.0	25	20	18	.2	15	<1	<1	
36	3.4	9.6	1.7	19	14	13	.2	250	20	--	090136
33	3.0	9.2	1.7	19	14	14	.2	54	<1	<1	090136
36	3.1	9.7	1.7	19	12	13	.2	87	<1	<1	
21	2.6	9.9	1.8	29	5.7	10	.2	45	21	<1	090144
22	2.5	9.8	1.8	29	5.7	10	.2	39	20	1	
19	2.9	14	2.6	27	4.8	10	.1	35	13	<1	090148
20	3.0	14	2.6	27	8.1	11	.1	20	13	1	090148
48	9.2	28	6.0	52	53	23	.1	77	2	<1	090161
39	9.3	1.0	5.6	50	40	20	.1	63	2	1	
49	3.5	6.6	.98	22	15	18	.2	7	<1	<1	090166
52	3.6	7.0	1.0	23	15	17	.2	7	<1	2	
56	4.1	7.7	1.2	23	22	19	.2	28	7	<1	090173
56	4.0	8.0	1.2	24	20	18	.2	11	3	<1	
20	3.7	17	3.2	18	--	--	--	13	<1	2	090185
20	9.0	27	1.8	19	3.4	11	.1	5	1	--	

Table 4.--Physical properties, common ions, and phenols in water from wells in Atlantic County and vicinity--Continued

USGS well number	Aquifer code	Date of sample	Temper-ature (deg C)	Specifc conduc-tance ($\mu\text{S}/\text{cm}$)	Specifc conduc-tance lab ($\mu\text{S}/\text{cm}$)	pH (stan-dard units)	pH lab (stan-dard units)	Alka-linity field (mg/L as CaCO_3)	Alka-linity lab (mg/L as CaCO_3)	Oxygen, dis-solved (mg/L)	Hard-ness (mg/L as CaCO_3)
OCEAN COUNTY											
290004	124PNPN	08-15-63	16.5	338	--	8.2	--	171	--	--	26
	124PNPN	02-19-86	17.0	348	339	8.8	8.2	162	163	.5	27
290009	122KRKDL	09-13-73	17.0	73	--	6.6	--	11	--	--	9
	122KRKDL	08-16-84	16.0	64	60	6.4	6.1	12	12	.2	10
	122KRKDL	03-05-85	17.0	55	61	6.2	6.0	15	12	.2	10
290012	122KRKDL	08-24-81	17.0	64	59	6.3	6.8	14	--	--	10
	122KRKDL	08-15-84	16.0	63	59	6.4	6.1	14	12	.1	10
	122KRKDL	03-05-85	17.0	63	59	6.2	6.1	15	11	.2	11
290111	122KRKDL	09-03-81	16.5	68	--	6.7	--	23	--	--	17
	122KRKDL	08-14-84	15.5	69	67	6.8	6.4	20	20	.3	17
290111	122KRKDL	03-07-85	16.5	70	68	6.4	6.4	21	20	.2	17
290112	122KRKDL	08-14-84	15.5	76	75	6.8	6.5	21	22	.2	20
	122KRKDL	03-07-85	15.0	79	78	6.6	6.6	24	22	.2	20
290457	122KRKDL	08-15-84	15.5	59	52	6.2	5.8	20	9.0	.1	8
290459	122KRKDL	08-15-63	16.5	51	--	6.0	--	7	--	--	10
290459	122KRKDL	08-24-81	17.0	60	48	6.3	6.6	12	--	--	8
	122KRKDL	08-15-84	15.5	54	49	6.1	5.6	8	7.0	.2	8
	122KRKDL	03-06-85	17.0	55	50	5.9	5.7	9	6.0	.2	8
290460	122KRKDL	08-15-63	16.5	52	--	6.1	--	11	--	--	12
	122KRKDL	08-15-84	16.0	65	55	6.3	6.0	20	10	.2	10
290460	122KRKDL	03-06-85	15.5	64	64	6.1	6.1	12	13	.5	13
290462	122KRKDL	12-03-81	16.0	58	63	6.7	6.4	18	--	--	7
	122KRKDL	08-17-84	14.5	60	56	6.4	6.3	--	12	.2	10
290464	122KRKDL	06-26-70	15.5	57	--	6.3	--	--	--	--	12
	122KRKDL	12-03-81	15.0	65	66	6.7	6.5	20	--	--	10
290464	122KRKDL	08-17-84	14.0	67	59	6.6	6.3	16	13	.2	11
290465	122KRKDU	12-03-81	14.0	56	56	6.4	6.3	16	--	--	10
	122KRKDU	03-06-85	13.5	56	54	5.9	6.1	8	9.0	.2	11
290544	122KRKDL	08-24-81	16.0	60	54	6.5	6.7	16	--	--	11
	122KRKDL	08-14-84	15.5	59	58	6.3	6.2	16	13	.2	11
290544	122KRKDL	03-05-85	16.0	60	53	6.1	6.0	16	13	.3	11
290549	122KRKDL	08-14-84	15.0	60	55	6.3	6.1	--	12	.2	11
	122KRKDL	03-05-85	16.0	67	62	6.3	6.3	17	14	.1	11
290557	122KRKDL	06-26-70	14.5	43	--	6.9	--	--	--	--	8
	122KRKDL	12-02-81	15.0	52	52	6.1	6.0	16	--	--	8
290557	122KRKDL	08-13-84	14.0	50	43	6.7	5.1	4	2.0	.3	6
	122KRKDL	03-04-85	14.0	43	42	4.8	5.4	1	2.0	.2	6
290559	122KRKDL	08-15-63	15.5	56	--	6.3	--	14	--	--	12
	122KRKDL	08-13-84	15.0	59	58	6.2	6.1	12	13	.2	11
	122KRKDL	03-05-85	16.0	59	55	6.1	6.3	15	13	.2	--
290560	122KRKDL	08-24-81	16.5	62	64	6.5	7.0	18	--	--	11
	122KRKDL	08-13-84	15.0	60	59	6.2	6.2	16	14	.1	11
	122KRKDL	03-05-85	16.5	61	57	6.2	6.2	17	14	.3	12
290561	122KRKDL	08-13-84	16.5	63	60	6.4	6.2	20	15	.2	12
	122KRKDL	03-05-85	16.0	62	61	6.2	6.2	17	15	.3	12
290565	122KRKDL	01-07-82	15.0	67	62	6.3	6.4	12	--	--	9
	122KRKDL	03-04-85	14.0	59	55	6.2	6.0	14	9.0	.1	12
290597	122KRKDL	01-07-82	15.0	70	62	6.5	7.0	16	--	--	10
	122KRKDL	08-17-84	15.0	62	61	6.1	6.1	12	10	.4	15
	122KRKDL	03-04-85	13.0	61	67	5.8	6.2	12	12	.2	19
290775	122KRKDU	03-06-85	14.0	60	57	6.1	6.1	12	12	.3	10

Table 4.--Physical properties, common ions, and phenols in water from wells in Atlantic County and vicinity--Continued

Sodium, dis- solved (mg/L as Na)	Potas- sium, dis- solved (mg/L as K)	Calcium dis- solved (mg/L as Ca)	Magne- sium, dis- solved (mg/L as Mg)	Silica, dis- solved (mg/L as SiO ₂)	Chlo- ride, dis- solved (mg/L as Cl)	Sulfate dis- solved (mg/L as SO ₄)	Fluo- ride, dis- solved (mg/L as F)	Iron, dis- solved (μg/L as Fe)	Manga- nese, dis- solved (μg/L as Mn)	Phenols total (μg/L)	USGS well number
OCEAN COUNTY											
71	5.8	2.0	5.1	12	1.8	13	0.2	40	30	--	290004
66	5.9	7.0	2.3	13	7.3	7.1	.3	17	<1	<1	
7.0	3.4	--	--	25	7.4	8.5	--	--	--	--	290009
4.9	3.1	2.0	1.1	25	3.3	10	<.1	130	37	<1	
5.1	2.9	2.2	1.2	26	4.3	13	<.1	1,900	42	<1	
3.4	3.0	2.1	1.1	28	3.0	9.2	--	1,800	40	--	290012
4.5	3.2	2.1	1.1	25	3.2	10	.1	1,800	41	<1	
4.9	2.9	2.3	1.2	27	3.6	11	<.1	2,000	44	<1	
3.0	2.8	4.0	1.6	34	3.2	8.2	--	830	38	--	290111
4.2	2.9	4.3	1.5	31	3.1	7.7	<.1	910	37	<1	
4.4	2.8	4.2	1.6	33	2.9	7.4	.1	990	39	<1	290111
4.6	3.0	5.0	1.8	34	3.5	7.7	.1	920	35	<1	290112
5.2	2.9	5.0	1.8	35	3.6	7.8	.1	1,100	38	<1	
3.7	3.2	1.7	.95	24	3.3	11	.1	2,300	44	<1	290457
4.0	2.5	1.6	1.5	24	3.6	8.8	.1	2,700	60	--	290459
2.2	3.1	1.6	.92	26	3.0	9.0	--	2,400	40	--	290459
3.0	3.3	1.6	.93	25	3.4	10	<.1	2,300	47	<1	
3.5	2.9	1.7	1.0	26	3.8	10	<.1	2,600	46	<1	
3.5	3.0	2.8	1.2	24	3.3	8.2	.1	2,500	30	--	290460
3.8	3.1	2.1	1.1	26	4.6	9.1	<.1	2,300	47	<1	
4.5	2.8	3.6	1.0	25	3.8	11	.1	560	55	<1	290460
4.7	.24	1.5	.74	--	2.0	6.0	--	1,800	29	--	290462
4.6	2.9	2.0	1.1	27	3.0	11	.1	2,200	46	<1	
4.5	3.7	2.7	1.2	24	3.4	8.4	.1	4,300	80	--	290464
3.2	3.0	2.7	.88	--	2.0	6.0	--	2,500	45	--	
3.9	3.0	2.3	1.3	26	3.1	12	.1	2,700	51	<1	290464
3.2	2.6	2.3	.99	--	2.0	7.0	--	1,200	16	--	290465
3.4	2.4	2.1	1.5	46	2.7	9.6	.2	1,400	29	<1	
2.7	3.1	2.3	1.2	29	3.1	6.9	--	1,700	43	--	290544
3.9	3.0	2.4	1.1	26	3.4	10	<.1	1,700	39	<1	
4.4	2.9	2.4	1.1	27	3.7	8.4	<.1	1,800	41	<1	290544
3.7	3.1	2.4	1.2	26	3.4	9.1	<.1	1,800	42	<1	290549
5.3	3.1	2.6	1.2	27	4.8	7.6	<.1	1,800	52	5	
3.0	3.1	1.9	.8	34	4.5	5.1	<.1	2,600	40	--	290557
2.8	.18	1.9	.74	--	3.0	4.0	--	2,000	31	--	
2.1	2.6	1.4	.52	19	3.8	8.1	<.1	2,200	32	<1	290557
2.3	2.3	1.5	.47	19	4.1	9.1	<.1	2,200	31	<1	
4.2	3.0	3.2	1.0	26	3.3	7.0	.1	2,500	50	--	290559
4.1	3.0	2.3	1.2	27	3.2	7.3	<.1	1,900	40	<1	
4.5	2.8	2.3	1.2	28	3.5	7.8	<.1	1,900	39	<1	
3.5	2.8	2.4	1.2	31	3.2	7.4	--	1,700	40	--	290560
4.3	3.0	2.4	1.2	28	3.2	7.7	<.1	1,700	37	<1	
4.8	2.7	2.5	1.3	28	3.6	8.7	<.1	1,900	37	<1	
4.7	3.0	2.6	1.3	28	3.3	7.6	.1	1,500	38	<1	290561
4.8	2.7	2.6	1.4	29	3.4	7.3	<.1	1,600	39	<1	
3.3	2.1	2.2	.84	--	2.0	10	--	2,300	45	--	290565
3.3	2.7	2.5	1.3	28	3.9	10	<.1	3,300	59	1	
2.7	1.5	2.8	.7	--	1.0	9.0	--	--	39	--	290597
3.1	3.1	3.5	1.4	30	6.3	11	.1	1,200	65	<1	
3.3	2.7	5.1	1.5	33	5.5	11	10	--	10	<1	
5.5	2.3	2.0	1.3	51	1.8	11	.2	1,300	25	<1	290775

Table 5.--Selected trace elements and nutrients in water from wells in Atlantic County and vicinity

[USGS, U.S. Geological Survey; Aquifer codes: 121CKKD, Kirkwood-Cohansey aquifer system; 122KRKDL, Kirkwood Formation, Rio Grande water-bearing zone; 122KRKDL, Atlantic City 800-foot sand of the Kirkwood Formation; and 124PNPN, Piney Point aquifer; --, data unavailable; mg/L, milligrams per liter; $\mu\text{g}/\text{L}$, micrograms per liter; <, less than]

USGS well number	Aquifer code	Date of sample	Arsenic, dis-solved ($\mu\text{g}/\text{L}$ as As)	Cadmium, dis-solved ($\mu\text{g}/\text{L}$ as Cd)	Lead, dis-solved ($\mu\text{g}/\text{L}$ as Pb)	Nickel, dis-solved ($\mu\text{g}/\text{L}$ as Ni)	Nitrogen, nitrite, dis-solved (mg/L as N)	Nitrogen, nitrate, dis-solved (mg/L as N)	Nitrogen, NO_2+NO_3 , dis-solved (mg/L as N)	Phosphorus, ortho-dis-solved (mg/L as P)
ATLANTIC COUNTY										
010003	121CKKD	09-03-53	--	--	--	--	0.02	--	--	--
	121CKKD	08-31-54	--	--	--	--	.23	--	--	--
010013	121CKKD	05-15-64	--	--	--	--	.05	--	--	--
010015	122KRKDL	04-21-64	--	--	--	--	.09	--	--	--
010017	121CKKD	05-08-64	--	--	--	--	.05	--	--	--
010021	122KRKDL	10-06-54	--	--	--	--	.32	--	--	--
	122KRKDL	04-03-56	--	--	--	--	.41	--	--	--
010025	122KRKDL	08-22-85	<1	<1	<1	<1	<0.01	--	0.12	0.30
010038	122KRKDL	04-17-56	--	--	--	--	.11	--	--	--
	122KRKDL	04-21-64	--	--	--	--	<.01	--	--	--
010039	122KRKDL	08-21-84	<1	<1	<1	<1	<.01	--	<.10	.30
	122KRKDL	03-11-85	1	<1	<1	<1	.02	--	<.10	.30
010040	122KRKDL	08-21-84	<1	<1	<1	<1	<.01	--	<.10	.15
	122KRKDL	03-11-85	<1	<1	1	<1	<.01	--	<.10	.16
010041	122KRKDL	04-16-46	--	--	--	--	.14	--	--	--
010041	122KRKDL	08-21-84	<1	<1	<1	1	<.01	--	<.10	.27
	122KRKDL	03-11-85	<1	<1	1	<1	.04	.10	.14	.27
010042	122KRKDL	04-21-64	--	--	--	--	--	.05	--	--
	122KRKDL	03-11-85	<1	<1	<1	<1	.01	--	<.10	.17
010069	121CKKD	10-02-85	<1	<1	12	13	<.01	--	9.10	<.01
010074	121CKKD	10-16-85	<1	<1	6	2	<.01	--	.21	<.01
010094	121CKKD	10-18-85	<1	<1	6	2	<.01	--	5.10	<.01
010109	121CKKD	11-01-85	<1	2	5	4	<.01	--	11.0	<.01
010116	122KRKDL	10-16-63	--	--	--	--	--	.07	--	--
	122KRKDL	08-22-84	<1	<1	5	4	<.01	--	<.10	.22
010116	122KRKDL	03-12-85	<1	<1	<1	<1	<.01	--	<.10	.10
010117	122KRKDL	08-22-84	<1	<1	7	2	<.01	--	<.10	.12
	122KRKDL	03-12-85	<1	<1	2	<1	<.01	--	<.10	.06
010118	122KRKDL	10-16-63	--	--	--	--	--	.07	--	--
010120	122KRKDL	04-24-69	--	--	--	--	--	.18	--	--
010121	122KRKDL	08-24-84	<1	<1	1	1	<.01	--	<.10	.38
010134	121CKKD	10-10-84	--	<1	10	--	--	--	--	<.01
010135	121CKKD	10-12-84	--	<1	<10	--	--	--	--	<.01
010136	121CKKD	10-10-84	--	<1	<10	--	--	--	--	<.01
010138	121CKKD	10-12-84	--	<1	20	--	--	--	--	<.01
010151	121CKKD	10-25-85	<1	<1	1	6	.02	.10	.12	.01
010154	121CKKD	10-03-85	<1	<1	9	10	.02	.13	.15	<.01
010169	121CKKD	07-26-85	<1	<1	5	9	<.01	--	2.90	<.01
010172	121CKKD	10-24-85	<1	<1	<1	2	.02	.20	.22	<.01
010179	121CKKD	10-24-85	<1	<1	<1	<1	<.01	--	.20	<.01
010180	122KRKDL	08-26-59	--	--	--	--	--	.05	--	--
010181	121CKKD	09-27-84	--	<1	<10	--	--	--	--	<.01
010183	121CKKD	10-31-85	<1	1	1	3	<.01	--	1.60	.01
010185	121CKKD	09-17-85	<1	<1	4	4	<.01	--	.17	<.01
010193	121CKKD	10-31-85	<1	<1	<1	15	<.01	--	.55	<.01
010198	121CKKD	09-04-85	<1	<1	58	2	<.01	--	8.00	<.01
010201	121CKKD	09-17-85	<1	<1	3	7	<.01	--	4.50	<.01
010226	121CKKD	10-11-84	--	<1	<10	--	--	--	--	<.01
010227	121CKKD	09-18-85	<1	<1	<1	1	.03	--	<.10	.26
010229	121CKKD	10-17-63	--	--	--	--	--	.05	--	--
010229	121CKKD	04-24-69	--	--	--	--	--	.02	--	--
010232	121CKKD	09-18-85	<1	<1	1	1	<.01	--	<.10	<.01
010244	121CKKD	10-11-84	--	<1	<10	--	--	--	--	<.01
	121CKKD	09-06-85	<1	<1	7	2	0.01	0.10	0.11	0.04
010250	121CKKD	10-11-84	--	<1	10	--	--	--	--	<.01
010256	121CKKD	10-23-85	<1	2	<1	<1	.02	--	<.10	<.01
010278	121CKKD	05-19-64	--	--	--	--	--	6.80	--	--
010279	121CKKD	02-18-86	<1	<1	<1	1	<.01	--	1.00	<.01
010281	121CKKD	04-24-69	--	--	--	--	--	.77	--	--
010286	121CKKD	09-04-85	<1	<1	4	2	<.01	--	4.10	<.01

Table 5.--Selected trace elements and nutrients in water from wells in Atlantic County and vicinity--Continued

USGS well number	Aquifer code	Date of sample	Arsenic, dis- solved ($\mu\text{g/L}$ as As)	Cadmium, dis- solved ($\mu\text{g/L}$ as Cd)	Lead, dis- solved ($\mu\text{g/L}$ as Pb)	Nickel, dis- solved ($\mu\text{g/L}$ as Ni)	Nitro- gen, nitrite, dis- solved (mg/L as N)	Nitro- gen, nitrate, dis- solved (mg/L as N)	Nitro- gen, NO ₂ +NO ₃ , dis- solved (mg/L as N)	Phos- phorus, ortho, dis- solved (mg/L as P)	
ATLANTIC COUNTY--Continued											
010290	121CKKD	10-01-85	<1	<1	2	7	<.01	--	<.10	<.01	
010325	121CKKD	02-05-86	<1	<1	<1	2	.01	4.09	4.10	<.01	
010344	121CKKD	04-28-78	1	<1	--	<1	<.01	.04	<.10	.01	
010348	121CKKD	02-15-78	<1	<1	8	3	<.01	.11	.11	.02	
	121CKKD	04-16-85	--	<1	<10	--	--	--	--	<.01	
010348	121CKKD	11-12-85	<1	<1	<1	3	<.01	--	<.10	.01	
010349	121CKKD	02-16-78	<1	<1	10	2	<.01	<.01	<.10	<.01	
010351	121CKKD	03-31-78	1	2	3	2	<.01	<.01	<.10	<.01	
010352	121CKKD	02-15-78	<1	<1	6	2	<.01	.03	<.10	<.01	
	121CKKD	04-16-85	--	<1	20	--	--	--	--	<.01	
010353	121CKKD	04-22-64	--	--	--	--	--	.32	--	--	
	121CKKD	08-20-68	--	--	--	--	--	.25	--	--	
010367	122KRKDL	08-25-49	--	--	--	--	--	.02	--	--	
	122KRKDL	04-21-64	--	--	--	--	--	.05	--	--	
	122KRKDL	08-24-84	<1	<1	3	2	<.01	--	<.10	.36	
010367	122KRKDL	03-13-85	<1	<1	1	<1	<.01	--	<.10	.37	
010370	122KRKDL	03-13-85	<1	<1	<1	<1	<.01	--	<.10	.36	
010372	122KRKDL	08-23-84	<1	<1	3	1	<.01	--	<.10	.39	
010374	122KRKDL	08-31-39	--	--	--	--	--	<.01	--	--	
010375	122KRKDL	03-13-85	<1	<1	1	<1	.01	--	<.10	.30	
010376	122KRKDL	08-23-84	<1	<1	1	1	<.01	--	<.10	.31	
010377	121CKKD	12-20-57	--	--	--	--	--	<.01	--	--	
	121CKKD	04-24-69	--	--	--	--	--	.05	--	--	
010378	121CKKD	09-05-85	<1	<1	2	10	.01	1.19	1.20	.04	
010383	121CKKD	10-03-85	<1	<1	7	7	<.01	--	.11	<.01	
010387	121CKKD	10-18-61	--	--	--	--	--	.05	--	--	
	121CKKD	06-21-84	<1	<1	3	--	<.01	--	<.10	--	
010388	121CKKD	09-05-85	<1	<1	9	2	<.01	--	2.80	<.01	
010391	121CKKD	07-26-85	<1	<1	2	5	<.01	--	.11	<.01	
010394	121CKKD	08-25-56	--	--	--	--	--	<.01	--	--	
010395	121CKKD	08-25-56	--	--	--	--	--	<.01	--	--	
010397	121CKKD	08-25-56	--	--	--	--	--	<.01	--	--	
010399	121CKKD	08-25-56	--	--	--	--	--	.02	--	--	
010400	121CKKD	08-25-56	--	--	--	--	--	.02	--	--	
010401	121CKKD	08-25-56	--	--	--	--	--	<.01	--	--	
010401	121CKKD	10-04-85	<1	<1	11	6	.01	--	<.10	<.01	
010405	121CKKD	04-24-69	--	--	--	--	--	<.01	--	--	
010406	121CKKD	08-25-56	--	--	--	--	--	.02	--	--	
010408	121CKKD	08-25-56	--	--	--	--	--	<.01	--	--	
010412	121CKKD	08-18-56	--	--	--	--	--	<.01	--	--	
010413	121CKKD	08-18-56	--	--	--	--	--	.02	--	--	
010423	121CKKD	08-24-56	--	--	--	--	--	.14	--	--	
010429	121CKKD	10-25-56	--	--	--	--	--	.16	--	--	
010434	121CKKD	10-17-56	--	--	--	--	--	.23	--	--	
010435	121CKKD	10-17-56	--	--	--	--	--	.20	--	--	
010439	121CKKD	10-15-56	--	--	--	--	--	.11	--	--	
010445	121CKKD	10-11-56	--	--	--	--	--	.11	--	--	
010468	121CKKD	10-10-56	--	--	--	--	--	.09	--	--	
010469	121CKKD	10-10-56	--	--	--	--	--	.09	--	--	
010471	121CKKD	10-19-56	--	--	--	--	--	.14	--	--	
010472	121CKKD	10-19-56	--	--	--	--	--	.11	--	--	
010507	121CKKD	10-03-56	--	--	--	--	--	.16	--	--	
010510	121CKKD	10-08-56	--	--	--	--	--	.11	--	--	
010511	121CKKD	10-05-56	--	--	--	--	--	0.11	--	--	
010520	121CKKD	10-29-56	--	--	--	--	--	.14	--	--	
010521	121CKKD	10-26-56	--	--	--	--	--	.14	--	--	
010542	121CKKD	06-21-84	1	2	4	--	<.01	--	<.10	--	
	121CKKD	10-08-85	2	2	5	13	<.01	--	<.10	<.01	
010549	121CKKD	04-22-64	--	--	--	--	--	2.50	--	--	
010563	121CKKD	01-26-33	--	--	--	--	--	.70	--	--	

Table 5.--Selected trace elements and nutrients in water from wells in Atlantic County and vicinity--Continued

USGS well number	Aquifer code	Date of sample	Arsenic, dis-solved ($\mu\text{g/L}$ as As)	Cadmium, dis-solved ($\mu\text{g/L}$ as Cd)	Lead, dis-solved ($\mu\text{g/L}$ as Pb)	Nickel, dis-solved ($\mu\text{g/L}$ as Ni)	Nitrogen, nitrite, dis-solved (mg/L as N)	Nitrogen, nitrate, NO ₂ +NO ₃ , dis-solved (mg/L as N)	Nitrogen, NO ₂ +NO ₃ , dis-solved (mg/L as N)	Phosphorus, ortho, dis-solved (mg/L as P)
ATLANTIC COUNTY--Continued										
010567	121CKKD	04-28-64	--	--	--	--	<.01	--	--	--
010568	122KRKDL	08-24-84	<1	<1	2	2	<.01	--	<.10	.31
010569	121CKKD	01-26-32	--	--	--	--	2.10	--	--	--
	121CKKD	09-06-33	--	--	--	--	3.40	--	--	--
	121CKKD	04-28-64	--	--	--	--	2.00	--	--	--
010573	121CKKD	02-13-32	--	--	--	--	.11	--	--	--
	121CKKD	09-D6-33	--	--	--	--	.16	--	--	--
	121CKKD	04-28-64	--	--	--	--	3.40	--	--	--
010574	121CKKD	09-05-33	--	--	--	--	<.01	--	--	--
	121CKKD	04-28-64	--	--	--	--	<.01	--	--	--
010575	121CKKD	09-05-33	--	--	--	--	<.01	--	--	--
	121CKKD	04-28-64	--	--	--	--	<.01	--	--	--
	121CKKD	10-17-85	<1	<1	<1	1	<.01	--	<.10	.02
010576	121CKKD	03-27-64	--	--	--	--	.05	--	--	--
010578	122KRKDL	09-12-59	--	--	--	--	.09	--	--	--
010578	122KRKDL	04-29-69	--	--	--	--	.11	--	--	--
010592	121CKKD	10-29-85	<1	<1	<1	1	.01	.26	.27	.01
010593	122KRKDL	08-23-84	<1	<1	<1	<1	<.01	--	<.10	.30
	122KRKDL	03-13-85	<1	<1	<1	<1	<.01	--	<.10	.30
010597	122KRKDL	04-21-64	--	--	--	--	.05	--	--	--
010598	122KRKDL	08-23-84	1	<1	2	2	<.01	--	<.10	.32
010600	122KRKDL	08-23-84	1	<1	2	2	<.01	--	<.10	.32
	122KRKDL	03-13-85	<1	<1	<1	<1	--	--	--	--
010601	121CKKD	10-03-85	<1	<1	<1	<1	<.01	--	.16	<.01
010604	121CKKD	10-29-85	<1	<1	<1	<1	<.01	--	<.10	.01
010611	121CKKD	09-26-85	<1	<1	14	2	<.01	--	6.80	<.01
010628	121CKKD	10-17-85	<1	<1	<1	<1	<.01	--	1.50	<.01
010639	121CKKD	11-01-85	<1	<1	<1	<1	<.01	--	2.70	<.01
010648	122KRKDL	05-12-85	<1	<1	<1	<1	<.01	--	<.10	.27
010680	122KRKDL	04-25-85	<1	<1	1	<1	<.01	--	<.10	.16
010682	122KRKDL	08-22-84	<1	<1	5	5	<.01	--	<.10	.30
	122KRKDL	03-12-85	<1	<1	1	1	<.01	--	<.10	.31
010699	121CKKD	02-10-86	<1	<1	1	1	<.01	--	<.10	.01
010701	124PNPN	02-18-86	<1	<1	1	1	<.01	--	<.10	.02
010702	122KRKDL	04-04-85	<1	<1	2	2	<.01	--	<.10	.38
010703	122KRKDL	03-28-85	<1	<1	2	1	<.01	--	<.10	.25
010704	122KRKDL	04-03-85	<1	<1	3	1	<.01	--	<.10	.16
010706	122KRKDL	04-02-85	1	<1	2	1	<.01	--	<.10	.49
010710 *	122KRKDL	09-13-85	<1	<1	10	1	<.01	--	<.10	.22
010711 *	122KRKDL	08-14-85	<1	<1	10	1	<.01	--	<.10	.26
010712	121CKKD	10-10-85	<1	<1	2	9	--	--	--	--
010713	124PNPN	10-10-85	<1	<1	2	2	<.01	.09	<.10	.06
010714	121CKKD	11-13-85	<1	<1	5	3	<.01	--	<.10	<.01
010717	121CKKD	10-09-85	<1	<1	4	2	<.01	--	<.10	.35
010718	121CKKD	11-13-85	<1	<1	1	19	<.01	--	<.10	<.01
010719	121CKKD	11-13-85	<1	<1	1	5	<.01	--	<.10	.01
010720	121CKKD	11-12-85	<1	<1	1	8	<.01	--	2.70	.01
010721	121CKKD	11-14-85	<1	<1	1	5	.02	3.78	3.80	<.01
010731	121CKKD	11-25-85	<1	<1	1	1	--	--	--	--
010732	121CKKD	10-24-85	<1	<1	4	3	.05	3.55	3.60	<.01
010736	121CKKD	11-26-85	<1	<1	1	1	<.01	--	.43	<.01
010739	121CKKD	11-26-85	<1	<1	2	1	<.01	--	<.10	<.01
010740	121CKKD	12-18-85	<1	<1	5	5	<.01	--	1.20	<.01
010741	121CKKD	11-20-85	<1	<1	5	3	<.01	--	.51	<.01
010742	121CKKD	11-20-85	--	--	--	--	<.01	--	<.10	<.01

* See Table 6 for related analyses.

Table 5.--Selected trace elements and nutrients in water from wells in Atlantic County and vicinity--Continued

USGS well number	Aquifer code	Date of sample	Arsenic, dis- solved ($\mu\text{g/L}$ as As)	Cadmium, dis- solved ($\mu\text{g/L}$ as Cd)	Lead, dis- solved ($\mu\text{g/L}$ as Pb)	Nickel, dis- solved ($\mu\text{g/L}$ as Ni)	Nitrite, dis- solved (mg/L as N)	Nitro- gen, nitrate, dis- solved (mg/L as N)	Nitro- gen, NO ₂ +NO ₃ , dis- solved (mg/L as N)	Nitro- gen, ortho, dis- solved (mg/L as N)	Phos- phorus, dis- solved (mg/L as P)
ATLANTIC COUNTY--Continued											
010743	121CKKD	11-20-85	<1	1	5	1	<.01	--	.14	<.01	
010744	121CKKD	12-18-85	<1	<1	3	1	<.01	--	<.10	<.01	
010745	121CKKD	12-18-85	<1	1	<1	<1	.05	--	<.10	<.01	
010746	121CKKD	12-19-85	4	12	<1	<1	<.01	--	<.10	<.01	
010747	121CKKD	11-15-85	<1	<1	<1	3	<.01	--	.50	<.01	
010748	121CKKD	02-27-86	<1	<1	2	4	<.01	--	<.10	<.01	
010749	121CKKD	11-19-85	<1	5	3	6	<.01	--	<.10	<.01	
010750	121CKKD	12-10-85	<1	<1	3	1	--	--	--	--	
010751	121CKKD	02-26-86	6	17	<1	9	.02	--	<.10	<.01	
010752	121CKKD	12-19-85	6	<1	1	3	.01	.09	.10	<.01	
010753	121CKKD	12-10-85	<1	<1	<1	<1	--	--	--	--	
010754	121CKKD	12-06-85	<1	<1	<1	2	<.01	--	<.10	<.01	
010755	121CKKD	12-17-85	<1	<1	4	1	<.01	--	.12	<.01	
010756	121CKKD	12-05-85	13	8	<1	1	.01	--	<.10	<.01	
010757	121CKKD	12-11-85	<1	<1	<1	10	--	--	--	--	
010758	121CKKD	02-05-86	1	<1	<1	1	<.01	--	.68	<.01	
010759	121CKKD	11-21-85	4	12	2	3	<.01	--	<.10	.05	
010760	121CKKD	11-21-85	<1	<1	3	3	<.01	--	<.10	<.01	
010761	121CKKD	12-05-85	5	5	<1	<1	.01	--	<.10	<.01	
010762	121CKKD	11-22-85	<1	<1	1	4	<.01	--	<.10	<.01	
010763	121CKKD	11-19-85	<1	<1	4	1	<.01	--	<.10	<.01	
010764	121CKKD	02-26-86	<1	<1	2	3	<.01	--	<.10	<.01	
010765	121CKKD	11-25-85	<1	<1	2	1	<.01	--	.29	<.01	
010766	121CKKD	10-30-85	<1	<1	6	<1	.01	--	<.10	.01	
010767	121CKKD	11-21-85	<1	<1	8	3	<.01	--	<.10	<.01	
010768	121CKKD	10-25-85	<1	<1	1	2	.02	.13	.15	<.01	
010769	121CKKD	11-26-85	<1	<1	1	<1	<.01	--	<.10	.71	
010770	121CKKD	11-15-85	<1	<1	4	2	<.01	--	5.2D	<.01	
010771	121CKKD	12-17-85	<1	<1	4	1	<.01	--	.96	<.01	
010772	121CKKD	10-02-85	<1	<1	1	11	.01	15	15	<.01	
010773	121CKKD	09-06-85	<1	<1	5	1	<.01	--	<.10	<.01	
010774	121CKKD	02-06-86	<1	<1	2	1	<.01	--	<.10	.15	
010775	121CKKD	10-11-85	<1	<1	19	5	<.01	--	<.10	<.01	
010776	121CKKD	10-11-85	<1	<1	5	29	<.01	--	<.10	<.01	
010778	121CKKD	10-16-85	<1	<1	2	1	<.01	--	<.10	<.01	
010834	124PNPN	05-19-88	--	<1	10	<10	--	--	<.10	.09	

Table 5.--Selected trace elements and nutrients in water from wells in Atlantic County and vicinity--Continued

USGS well number	Aquifer code	Date of sample	Arsenic, dis- solved ($\mu\text{g/L}$ as As)	Cadmium, dis- solved ($\mu\text{g/L}$ as Cd)	Lead, dis- solved ($\mu\text{g/L}$ as Pb)	Nickel, dis- solved ($\mu\text{g/L}$ as Ni)	Nitro- gen, nitrite, dis- solved (mg/L as N)	Nitro- gen, nitrate, dis- solved (mg/L as N)	Nitro- gen, NO_2+NO_3 , dis- solved (mg/L as N)	Phos- phorus, ortho, dis- solved (mg/L as P)	
CAPE MAY COUNTY											
090002	122KRKDL	08-29-84	<1	<1	2	1	0.01	--	<0.10	0.04	
090004	122KRKDL	08-29-84	<1	<1	1	1	<.01	--	<.10	.11	
090005	122KRKDL	03-19-85	<1	<1	<1	2	.02	--	<.10	.07	
090008	122KRKDL	08-29-84	<1	<1	1	4	.01	--	<.10	.14	
	122KRKDL	03-19-85	<1	<1	<1	2	--	--	--	--	
090092	122KRKDL	08-30-84	<1	<1	2	<1	.01	--	<.10	.09	
	122KRKDL	03-19-85	<1	<1	1	<1	--	--	--	--	
090106	122KRKDL	08-30-84	<1	<1	2	<1	<.01	--	<.10	.32	
090108	122KRKDL	08-30-84	<1	<1	1	<1	.01	--	<.10	.30	
	122KRKDL	03-19-85	<1	<1	1	<1	<.01	--	<.10	.28	
090109	122KRKDL	08-30-84	<1	<1	1	1	<.01	--	<.10	.30	
090110	122KRKDL	08-30-84	<1	<1	3	1	<.01	--	<.10	.31	
090116	122KRKDL	08-30-84	<1	<1	3	1	.02	--	<.10	.30	
090124	122KRKDL	08-30-84	<1	<1	1	<1	.01	--	<.10	.34	
	122KRKDL	03-19-85	<1	<1	<1	2	--	--	--	--	
090126	122KRKDL	08-28-84	<1	<1	1	<1	<.01	--	<.10	.07	
	122KRKDL	03-18-85	<1	<1	<1	2	.02	--	<.10	.06	
090127	122KRKDL	08-28-84	<1	<1	2	1	<.01	--	<.10	.11	
	122KRKDL	03-18-85	<1	<1	<1	1	.01	--	<.10	.11	
090129	122KRKDL	08-28-84	<1	<1	3	<1	.01	--	<.10	.14	
	122KRKDL	03-18-85	<1	<1	<1	4	.02	--	<.10	.14	
090132	122KRKDL	08-29-84	<1	<1	<1	4	.01	--	<.10	.09	
	122KRKDL	03-20-85	<1	<1	<1	1	<.01	--	<.10	.07	
090135	122KRKDL	08-29-84	<1	<1	<1	1	<.01	--	<.10	.09	
	122KRKDL	03-20-85	<1	<1	<1	2	<.01	--	<.10	.08	
090136	122KRKDL	08-31-84	<1	<1	1	<1	<.01	--	<.10	.27	
	122KRKDL	03-19-85	<1	<1	<1	3	.02	--	<.10	.26	
090144	122KRKDL	08-28-84	<1	<1	<1	2	.02	--	<.10	.18	
	122KRKDL	03-21-85	<1	<1	1	1	--	--	--	--	
090148	122KRKDL	08-28-84	<1	<1	1	2	<.01	--	<.10	.24	
	122KRKDL	03-20-85	<1	<1	<1	2	.01	--	<.10	.25	
090161	122KRKDL	08-30-84	<1	<1	<1	<1	<.01	--	<.10	<.01	
	122KRKDL	03-20-85	<1	<1	<1	4	<.01	--	<.10	.04	
090166	122KRKDL	08-29-84	<1	<1	<1	1	.01	.09	<.10	.06	
	122KRKDL	03-20-85	<1	<1	<1	1	--	--	--	--	
090173	122KRKDL	08-29-84	<1	<1	<1	1	<.01	--	<.10	.07	
	122KRKDL	03-20-85	<1	<1	<1	1	<.01	--	<.10	.09	
090185	122KRKDL	04-05-85	<1	<1	<1	2	<.01	--	<.10	.11	

Table 5.--Selected trace elements and nutrients in water from wells in Atlantic County and vicinity--Continued

USGS well number	Aquifer code	Date of sample	Arsenic, dis- solved ($\mu\text{g/L}$ as As)	Cadmium, dis- solved ($\mu\text{g/L}$ as Cd)	Lead, dis- solved ($\mu\text{g/L}$ as Pb)	Nickel, dis- solved ($\mu\text{g/L}$ as Ni)	Nitro- gen, nitrite, dis- solved (mg/L as N)	Nitro- gen, nitrate, dis- solved (mg/L as N)	Nitro- gen, NO ₂ +NO ₃ , dis- solved (mg/L as N)	Phos- phorus, ortho, dis- solved (mg/L as P)	
OCEAN COUNTY											
290004	124PNPN	02-19-86	<1	<1	<1	1	<0.01	--	<0.10	<0.01	
290009	122KRKDL	08-16-84	<1	<1	5	2	<.01	--	<.10	.02	
	122KRKDL	03-05-85	<1	<1	1	1	<.01	--	<.10	<.01	
290012	122KRKDL	08-15-84	<1	<1	3	1	<.01	--	<.10	<.01	
	122KRKDL	03-05-85	<1	<1	1	1	<.01	--	<.10	<.01	
290111	122KRKDL	08-14-84	<1	<1	1	1	<.01	--	<.10	.09	
	122KRKDL	03-07-85	<1	<1	1	5	<.01	--	<.10	.03	
290112	122KRKDL	08-14-84	<1	<1	1	1	<.02	--	<.10	.13	
	122KRKDL	03-07-85	<1	<1	1	1	<.01	--	<.10	.02	
290457	122KRKDL	08-15-84	<1	<1	6	2	<.01	--	<.10	<.01	
290459	122KRKDL	08-15-84	<1	<1	4	1	<.01	--	<.10	.04	
	122KRKDL	03-06-85	<1	<1	1	1	<.01	--	<.10	<.01	
290460	122KRKDL	08-15-84	<1	<1	4	2	<.01	--	<.10	<.01	
	122KRKDL	03-06-85	<1	<1	2	1	<.01	--	<.10	<.01	
290462	122KRKDL	08-17-84	<1	<1	3	3	<.01	--	<.10	.01	
290464	122KRKDL	08-17-84	<1	<1	1	2	<.01	--	<.10	<.01	
290465	122KRKDU	03-06-85	<1	<1	1	1	<.01	--	.11	.15	
290544	122KRKDL	08-14-84	<1	<1	1	1	<.01	--	<.10	.03	
	122KRKDL	03-05-85	<1	<1	1	1	<.01	--	<.10	<.01	
290549	122KRKDL	08-14-84	<1	<1	3	1	<.02	--	.10	.03	
290549	122KRKDL	03-05-85	<1	<1	1	1	<.01	--	<.10	<.01	
290557	122KRKDL	08-13-84	<1	<1	5	1	<.01	--	<.10	.02	
	122KRKDL	03-04-85	<1	<1	2	1	<.01	--	<.10	<.01	
290559	122KRKDL	08-13-84	<1	<1	5	1	<.01	--	<.10	.03	
	122KRKDL	03-05-85	<1	<1	2	1	<.01	--	<.10	<.01	
290560	122KRKDL	08-24-81	1	1	10	1	<.01	--	.06	<.01	
	122KRKDL	08-13-84	<1	<1	5	1	<.01	--	<.10	.04	
290561	122KRKDL	03-05-85	<1	<1	2	1	<.01	--	<.10	<.01	
	122KRKDL	08-13-84	<1	<1	5	1	<.01	--	<.10	.06	
	122KRKDL	03-05-85	<1	<1	2	1	.02	--	<.10	<.01	
290565	122KRKDL	03-04-85	<1	<1	1	1	<.01	--	<.10	<.01	
290597	122KRKDL	08-17-84	<1	<1	4	3	<.01	--	<.10	<.01	
	122KRKDL	03-04-85	<1	<1	1	1	<.01	--	<.10	<.01	
290775	122KRKDU	03-06-85	<1	<1	1	2	<.01	--	<.10	.14	

Table 6.--Additional trace elements and nutrients in water from marine observation wells near Atlantic City, New Jersey

[USGS, U.S. Geological Survey; Aquifer code: 122KRKDL, Atlantic City 800-foot sand of the Kirkwood Formation; --, data unavailable; mg/L, milligrams per liter; $\mu\text{g}/\text{L}$, micrograms per liter; <, less than]

USGS well number	Aquifer code	Date of sample	Alum- inum, dis- solved ($\mu\text{g}/\text{L}$ as Al)	Anti- mony, dis- solved ($\mu\text{g}/\text{L}$ as Sb)	Barium, dis- solved ($\mu\text{g}/\text{L}$ as Ba)	Beryl- lium, dis- solved ($\mu\text{g}/\text{L}$ as Be)	Boron, dis- solved ($\mu\text{g}/\text{L}$ as B)	Bromide, dis- solved (mg/L as Br)	Chro- mium, dis- solved ($\mu\text{g}/\text{L}$ as Cr)	Cobalt, dis- solved ($\mu\text{g}/\text{L}$ as Co)
010710	122KRKDL	09-11-85	10	<1	6	0.5	310	0.32	<1	<3
	122KRKDL	09-13-85	10	<1	6	<.5	320	.31	<1	<3
	122KRKDL	08-11-85	20	<1	9	<.5	110	.07	<1	<3
	122KRKDL	08-13-85	--	--	--	--	140	.06	--	--
	122KRKDL	08-14-85	10	<1	11	<.5	130	.06	<1	<3
010711	122KRKDL	09-11-85	<10	0.021	9	0.1	<10	<1	<1	200
	122KRKDL	09-13-85	<10	.019	19	<.1	<10	<1	<1	4
	122KRKDL	08-11-85	<10	.005	6	<.1	<10	<1	<1	9
	122KRKDL	08-13-85	--	--	--	--	--	--	--	--
	122KRKDL	08-14-85	<10	.01	17	.1	<10	<1	<1	7
010710	122KRKDL	09-11-85	--	0.52	0.6	0.08	0.75	0.67	0.22	
	122KRKDL	09-13-85	--	.55	.7	.15	.8	.71	.22	
	122KRKDL	08-11-85	.09	.22	.3	.08	.4	.28	.24	
	122KRKDL	08-13-85	--	.21	.4	.19	--	.27	.23	
	122KRKDL	08-14-85	--	.21	.2	.0	--	.27	.28	
010711	122KRKDL	09-11-85	--	--	--	--	--	--	--	
	122KRKDL	09-13-85	--	--	--	--	--	--	--	
	122KRKDL	08-11-85	--	--	--	--	--	--	--	
	122KRKDL	08-13-85	--	--	--	--	--	--	--	
	122KRKDL	08-14-85	--	--	--	--	--	--	--	

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity

[USGS, U.S. Geological Survey; Aquifer codes: 121CKKD, Kirkwood-Cohansey aquifer system; 122KRKDL, Kirkwood Formation, Rio Grande water-bearing zone; 122KRKDL, Atlantic City 800-foot sand of the Kirkwood Formation; and 124PNPN, Piney Point aquifer; --, data unavailable; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$, microsiemens per centimeter at 25 degrees Celsius]

USGS well number and aquifer code	Date of sample	Specifc conductance ($\mu\text{S}/\text{cm}$)	Chloride, dissolved (mg/L as Cl)	Date of sample	Specifc conductance ($\mu\text{S}/\text{cm}$)	Chloride, dissolved (mg/L as Cl)	Date of sample	Specifc conductance ($\mu\text{S}/\text{cm}$)	Chloride, dissolved (mg/L as Cl)
ATLANTIC COUNTY									
010001 121CKKD	09-09-53	--	6	04-01-55	56	6	08-28-56	52	6.3
	04-07-54	--	7	09-01-55	159	7.5	08-27-57	52	6
	08-31-54	--	8.3	04-03-56	61	6.1			
010003 121CKKD	09-03-53	66	6	08-27-57	60	5.8	08-21-61	59	6.5
	04-07-54	--	6	04-01-58	49	5.9	04-11-62	40	6.4
	08-31-54	61	7.4	09-03-58	59	5.9	04-08-63	48	5.9
	04-01-55	45	6	04-08-59	61	6.6	04-21-64	60	6.5
	09-01-55	59	6	09-02-59	60	6.3	09-09-64	57	6.5
	04-03-56	46	6	04-04-60	46	6.9	08-23-65	58	7
	08-28-56	59	6.5	08-23-60	59	6.4	08-15-78	166	6
	04-10-57	49	6	04-12-61	45	6			
010005 121CKKD	09-10-82	59	6.6	09-30-83	62	7			
010013 121CKKD	09-06-67	54	7	05-24-73	51	6.3	08-15-78	52	6.5
	03-27-68	51	6.8	09-07-73	53	6	08-28-79	50	6.6
	08-29-68	52	6.2	04-08-74	57	7.3	08-28-80	51	6.6
	02-26-69	48	7	09-24-74	54	8.7	08-14-81	50	6.6
	11-02-70	52	6.4	05-22-75	52	8.5	09-10-82	52	6.7
	03-15-72	53	6.6	08-19-76	54	7.4	10-17-83	53	6.7
	09-27-72	54	7.9	07-20-77	50	7.9			
010015 122KRKDL	08-30-55	--	3.5	08-23-60	--	7.1	09-09-66	165	6
	04-03-56	--	6.3	04-12-61	--	7.6	05-11-67	178	7
	08-28-56	--	6.9	08-21-61	167	6.8	09-05-67	170	6.5
	04-08-57	--	6.8	04-10-62	166	7.2	03-26-68	179	7.2
	09-05-57	--	6.2	09-12-62	175	6.4	08-28-68	161	7
	04-01-58	--	6.8	04-08-63	184	6.3	02-26-69	165	8
	09-03-58	--	7.4	09-09-64	167	7	03-14-72	171	7.5
	04-08-59	--	7.2	04-12-65	170	6.5	09-26-72	169	8.7
	09-02-59	--	7.4	08-23-65	173	6.5	05-22-75	185	8.9
	04-04-60	--	7.2	04-20-66	169	6.5	09-23-76	178	7
010019 122KRKDL	03-27-34	--	8	03-28-45	--	7.2	04-03-56	--	6.8
	10-08-34	--	6.9	08-30-45	--	7	08-28-56	--	7
	03-14-35	--	6.8	04-15-46	--	6.9	04-08-57	--	7.2
	08-29-35	--	6.9	08-30-46	--	7.6	09-12-57	--	6.4
	03-05-36	--	6.6	04-10-47	--	7	04-01-58	--	7.4
	09-04-36	--	6.4	04-21-48	--	6.9	09-03-58	--	8
	03-24-37	--	6.8	08-25-48	--	6.9	04-08-59	--	7.6
	09-03-37	--	7	04-12-49	--	7	09-02-59	--	7.2
	04-12-38	--	6.9	08-23-49	--	7.5	04-04-60	--	7.3
	09-02-38	--	6.9	04-12-50	--	7.2	08-23-60	--	7.1
	04-06-39	--	7.1	08-28-50	--	7.6	04-12-61	--	7.6
	08-30-39	--	6.9	03-27-51	--	7.5	08-21-61	167	6.6
	03-19-40	--	6.8	08-22-51	--	7.2	04-10-62	179	8.6
	07-26-40	--	7	04-30-52	--	7.2	04-08-63	172	7.1
	08-27-40	--	6.9	09-05-52	--	8.2	08-20-63	173	7.2
	05-15-41	--	6.8	03-31-53	--	6.6	04-21-64	170	7
	08-29-41	--	6.8	09-02-53	--	8.1	09-09-64	169	7
	04-21-42	--	7.2	04-08-54	--	8.4	04-12-65	175	7
	10-28-42	--	7.1	09-02-54	--	7.2	08-23-65	173	7
	04-13-44	--	8.1	03-30-55	--	6.5	04-20-66	170	7
	09-28-44	--	650	08-30-55	--	7.5	09-09-66	170	6.5

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)
ATLANTIC COUNTY--Continued									
010020 122KRKDL	03-27-34	--	16	04-15-43	--	88	09-12-57	--	15
	10-08-34	--	14	09-10-43	--	120	04-01-58	--	12
	03-14-35	--	18	04-12-44	--	92	09-03-58	--	13
	08-30-35	--	14	09-28-44	--	89	04-08-59	--	12
	03-04-36	--	34	03-28-45	--	40	09-02-59	--	11
	09-04-36	--	18	08-31-45	--	25	04-04-60	--	11
	03-24-37	--	14	04-15-46	--	17	08-23-60	--	11
	09-01-37	--	19	08-30-46	--	14	04-12-61	--	11
	04-12-38	--	21	08-25-48	--	36	08-21-61	185	9.7
	09-01-38	--	18	04-12-49	--	19	04-10-62	186	10
	04-06-39	--	15	08-23-49	--	17	09-10-62	190	9
	08-30-39	--	16	04-12-50	--	19	04-08-63	202	9.1
	03-19-40	--	17	08-28-50	--	25	08-20-63	186	8.9
	07-26-40	--	100	03-26-51	--	30	04-21-64	185	9
	08-03-40	--	130	08-20-51	--	25	09-09-64	178	8.5
	08-10-40	--	120	04-30-52	--	22	04-12-65	184	9
	08-17-40	--	97	09-03-52	--	19	08-23-65	191	9
	08-24-40	--	110	03-31-53	--	16	04-20-66	181	8.5
	08-27-40	--	110	09-02-53	--	16	09-09-66	184	8
	02-02-41	--	300	04-05-54	--	17	06-15-67	182	8.5
	02-09-41	--	290	07-08-54	--	13	09-05-67	183	9
	02-15-41	--	230	09-02-54	--	12	03-26-68	184	9.1
	02-22-41	--	220	03-30-55	--	14	05-15-68	186	6
	05-15-41	--	160	08-30-55	--	13	08-28-68	159	3
	08-29-41	--	110	04-03-56	--	12	02-26-69	167	4.5
	04-21-42	--	62	08-28-56	--	13	08-15-69	161	4
	10-29-42	--	78	04-08-57	--	12			
010021 122KRKDL	07-24-24	--	7	04-16-46	--	82	04-04-60	--	63
	03-22-34	--	94	08-30-46	--	100	08-23-60	--	64
	10-13-34	--	87	04-10-47	--	79	04-12-61	--	60
	03-14-35	--	92	08-25-48	--	80	08-21-61	470	64
	08-30-35	--	120	04-14-49	--	100	04-10-62	424	54
	03-04-36	--	98	08-23-49	--	95	09-10-62	529	67
	09-03-36	--	94	04-12-50	--	96	04-08-63	551	66
	03-24-37	--	67	08-28-50	--	90	08-20-63	503	66
	09-01-37	--	94	03-26-51	--	110	04-21-64	577	83
	04-12-38	--	94	08-20-51	--	93	09-09-64	542	72
	04-06-39	--	75	04-30-52	--	99	04-12-65	498	65
	08-30-39	--	100	09-03-52	--	100	08-23-65	538	70
	03-19-40	--	81	03-31-53	--	100	04-20-66	488	66
	04-14-40	--	100	09-02-53	--	16	09-09-66	578	70
	07-26-40	--	84	04-05-54	--	96	09-05-67	526	62
	08-27-40	--	99	10-06-54	782	110	03-26-68	575	79
	05-15-41	--	82	03-30-55	--	62	08-28-68	554	77
	08-29-41	--	91	08-30-55	--	29	02-26-69	549	75
	04-21-42	--	76	04-03-56	536	70	08-15-69	561	68
	10-29-42	--	94	08-28-56	--	74	03-14-72	650	71
	04-15-43	--	68	04-08-57	--	58	09-26-72	606	86
	09-10-43	--	90	08-27-57	--	58	05-24-73	560	76
	04-14-44	--	80	04-01-58	--	63	09-07-73	497	62
	09-28-44	--	83	09-03-58	--	62	05-22-75	572	78
	03-28-45	--	88	04-08-59	--	68	09-23-76	455	54
	08-31-45	--	91	09-02-59	--	65	07-20-77	426	54

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)
ATLANTIC COUNTY--Continued									
010022 122KRKDL	03-22-34	--	9.2	08-31-45	--	10	04-01-58	--	10
	10-09-34	--	9.1	04-16-46	--	10	09-03-58	--	11
	03-14-35	--	9.4	08-29-46	--	12	04-08-59	--	10
	D9-10-35	--	9.8	04-19-47	--	10	09-02-59	--	10
	03-05-36	--	9.6	08-26-48	--	10	04-04-60	--	11
	09-03-36	--	9.5	04-13-49	--	10	08-23-60	--	11
	03-24-37	--	10	08-23-49	--	10	04-12-61	--	11
	09-01-37	--	9.6	04-12-50	--	10	08-21-61	196	10
	04-13-38	--	9.8	08-28-50	--	12	04-10-62	201	11
	09-01-38	--	10	03-26-51	--	11	09-10-62	207	11
	04-05-39	--	9.4	08-20-51	--	12	04-08-63	216	10
	08-30-39	--	10	04-30-52	--	7	08-20-63	198	11
	03-19-40	--	10	09-03-52	--	12	04-21-64	167	11
	07-26-40	--	11	03-31-53	--	11	09-09-64	202	10
	08-27-40	--	10	09-02-53	--	11	04-12-65	201	11
	05-15-41	--	10	04-05-54	--	16	08-23-65	204	11
	08-29-41	--	9.9	07-08-54	--	9.8	04-20-66	238	22
	04-21-42	--	10	08-31-54	--	11	09-09-66	4,350	1,300
	10-29-42	--	10	03-30-55	--	10	05-11-67	3,510	1,100
	04-15-43	--	11	08-30-55	--	10	06-15-67	3,250	990
	09-10-43	--	13	04-03-56	--	10	09-05-67	666	140
	04-12-44	--	16	08-28-56	--	10	10-24-67	2,660	700
	09-28-44	--	12	04-08-57	--	10	05-10-68	2,460	700
	03-28-45	--	12	08-27-57	--	10	05-15-68	1,580	450
010023 122KRKDL	03-22-34	--	9.5	08-30-39	--	9.9	04-16-46	--	10
	10-09-34	--	12	03-19-40	--	9.2	09-05-46	--	9.6
	03-14-35	--	9.2	07-26-40	--	9.5	04-10-47	--	9.5
	09-10-35	--	9.5	08-27-40	--	9.4	09-17-47	--	9.8
	03-05-36	--	9	05-15-41	--	9.1	08-26-48	--	9.9
	09-03-36	--	8.8	08-29-41	--	8.8	08-23-49	--	11
	03-24-37	--	9.5	04-21-42	--	9	06-15-67	327	52
	09-01-37	--	9.1	10-29-42	--	9.4	10-24-67	220	19
	04-13-38	--	9.6	04-15-43	--	9.2	08-28-68	398	71
	09-01-38	--	9.6	09-10-43	--	8.6	02-26-69	247	25
	04-05-39	--	9.6	09-28-44	--	10	08-15-69	212	23
010024 122KRKDL	01-22-29	--	10	08-29-41	--	9.8	08-28-50	--	11
	02-20-29	--	10	04-21-42	--	10	03-26-51	--	10
	03-22-34	--	9.8	10-29-42	--	11	08-20-51	--	13
	10-09-34	--	10	04-14-43	--	6.5	04-30-52	--	10
	03-14-35	--	9.6	09-10-43	--	8.5	09-03-52	--	14
	08-30-35	--	10	04-12-44	--	10	03-31-53	--	10
	03-05-36	--	9.5	09-28-44	--	5	09-02-53	--	12
	09-03-36	--	9.2	03-29-45	--	9.9	04-05-54	--	13
	03-24-37	--	10	08-31-45	--	10	08-31-54	--	11
	09-01-37	--	10	04-16-46	--	11	03-30-55	--	12
	04-12-38	--	9.8	08-29-46	--	10	08-30-55	--	12
	09-01-38	--	10	04-09-47	--	10	04-03-56	--	12
	04-05-39	--	9.9	04-21-48	--	10	08-28-56	--	11
	08-30-39	--	10	08-26-48	--	10	04-08-57	--	10
	03-19-40	--	10	04-13-49	--	10	09-12-57	--	10
	07-26-40	--	10	08-23-49	--	10	05-15-68	201	10
	05-15-41	--	9.5	04-12-50	--	11			

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)
ATLANTIC COUNTY--Continued									
010025 122KRKDL	03-22-34	--	23	10-29-42	--	20	09-03-52	--	9.9
	10-08-34	--	23	04-14-43	--	18	03-31-53	--	10
	03-14-35	--	22	04-12-44	--	14	09-02-53	--	9
	08-30-35	--	20	09-28-44	--	13	04-05-54	--	10
	03-05-36	--	18	03-28-45	--	13	07-08-54	--	9.3
	09-03-36	--	22	08-31-45	--	12	08-31-54	--	9.4
	03-24-37	--	21	04-16-46	--	12	03-30-55	--	10
	09-01-37	--	21	08-30-46	--	12	08-30-55	--	9
	04-12-38	--	19	04-09-47	--	12	04-03-56	--	9
	09-01-38	--	19	04-21-48	--	12	08-28-56	--	9.2
	04-06-39	--	17	08-25-48	--	12	04-08-57	--	9.3
	08-30-39	--	16	04-12-49	--	14	08-27-57	--	9.2
	03-19-40	--	15	08-23-49	--	14	05-18-68	184	8.5
	07-26-40	--	15	04-12-50	--	12	02-26-69	104	12
	08-27-40	--	15	08-28-50	--	13	08-15-69	147	11
	05-15-41	--	15	03-30-51	--	13	09-26-72	176	9.3
	08-29-41	--	16	08-20-51	--	14	05-22-75	190	10
	04-21-42	--	18	04-30-52	--	12			
010026 122KRKDL	05-18-28	--	11	10-29-42	--	8.5	04-28-52	--	9
	03-22-34	--	8	04-15-43	--	7.9	03-31-53	--	10
	10-09-34	--	6.9	04-12-44	--	8.8	09-02-53	--	12
	08-29-35	--	8.4	09-28-44	--	9.2	04-05-54	--	10
	09-03-36	--	7.4	03-28-45	--	8.6	08-31-54	--	8.6
	03-21-37	--	8	08-31-45	--	9.6	03-30-55	--	11
	09-03-37	--	8.2	04-16-46	--	8.5	08-30-55	--	9
	09-01-38	--	7.9	08-29-46	--	8.5	04-03-56	--	9
	04-05-39	--	4.5	04-09-47	--	8.2	08-28-56	--	9.4
	03-19-40	--	8.5	08-26-48	--	7.9	08-27-57	--	8.7
	08-28-40	--	4.9	04-13-49	--	9	09-05-67	195	9
	05-15-41	--	7	08-23-49	--	9.2	08-28-68	188	9.5
	08-29-41	--	7.9	03-26-51	--	19	03-14-72	187	9.5
	04-21-42	--	6.5	08-20-51	--	10	09-26-72	180	8.8
010029 122KRKDL	03-22-34	--	8.1	04-21-42	--	8.2	03-26-51	--	9
	10-09-34	--	8	10-29-42	--	8.6	08-20-51	--	9
	03-14-35	--	8	04-15-43	--	8.5	04-28-52	--	8.6
	09-30-35	--	8.2	09-10-43	--	8.1	09-03-52	--	10
	03-05-36	--	7.9	04-12-44	--	8.1	09-02-53	--	9.1
	09-04-36	--	7.6	09-28-44	--	7.6	08-31-54	--	9.2
	03-24-37	--	8.2	08-31-45	--	8.5	03-30-55	--	8.5
	09-01-37	--	8.1	04-16-46	--	9	08-30-55	--	9.5
	04-13-38	--	8.1	08-29-46	--	9.1	04-03-56	--	8.7
	09-01-38	--	8.2	04-09-47	--	8.5	08-28-56	--	9.9
	04-05-39	--	8	08-25-48	--	8.6	04-08-57	--	9.5
	03-19-40	--	8	04-13-49	--	8.8	08-27-57	--	9.4
	08-27-40	--	8.1	08-23-49	--	9	06-15-67	186	9
	05-15-41	--	7.9	04-12-50	--	9			
	08-29-41	--	8	08-28-50	--	9.1			
010030 122KRKDL	02-21-24	--	10	01-22-31	--	7.1	04-12-44	--	7.5
	12-03-25	--	9	02-19-31	--	7.8	09-28-44	--	7.6
	12-04-25	--	8	03-26-31	--	8.8	03-28-45	--	8.5
	02-10-26	--	7	04-21-31	--	7.6	08-31-45	--	8.8
	05-14-26	--	5	05-20-31	--	7.5	04-16-46	--	7

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)
ATLANTIC COUNTY--Continued									
010030	07-15-26	--	6	06-09-31	--	9.5	08-29-46	--	7.6
122KRKDL	08-25-26	--	9.9	07-07-31	--	7.6	04-09-47	--	8.8
(Continued)	10-01-26	--	8	08-18-31	--	7.2	09-17-47	--	6
	01-27-27	--	9.5	09-15-31	--	7.4	08-25-48	--	6.9
	04-07-27	--	5.5	10-14-31	--	7.2	04-13-49	--	7.6
	08-24-27	--	7.5	11-19-31	--	7	08-23-49	--	8.2
	09-02-27	--	8.1	01-15-32	--	6.8	04-12-50	--	7.1
	10-06-27	--	8	02-16-32	--	7.1	08-28-50	--	8
	11-03-27	--	8.5	03-08-32	--	7	03-26-51	--	7.5
	12-16-27	--	5.8	04-20-32	--	7	08-20-51	--	9
	01-18-28	--	7.5	05-16-32	--	9.8	04-28-52	--	9.1
	02-24-28	--	7	06-06-32	--	9.2	09-03-52	--	13
	04-26-28	--	9.2	07-19-32	--	8.2	03-31-53	--	8.1
	04-29-28	--	9.2	10-08-32	--	7.2	09-02-53	--	9.3
	08-14-28	--	8	12-30-32	--	6.6	04-05-54	--	14
	09-18-28	--	6.8	01-26-33	--	6.2	08-31-54	--	10
	12-14-28	--	8.8	02-21-33	--	6.6	08-30-55	--	10
	01-22-29	--	8.9	03-09-33	--	6.8	04-03-56	--	7.8
	02-20-29	--	10	05-05-33	--	6.2	08-28-56	--	8.4
	03-21-29	--	8.2	07-19-33	--	8	04-08-57	--	9.4
	04-26-29	--	8.7	03-07-34	--	6.8	08-27-57	--	7.3
	05-28-29	--	9.2	03-22-34	--	8.1	04-01-58	--	9.2
	06-20-29	--	7.9	10-09-34	--	6.6	09-03-58	--	9.4
	07-29-29	--	9.4	02-05-35	--	6.6	04-08-59	--	9.5
	08-30-29	--	7.8	03-14-35	--	8	04-04-60	--	9.4
	09-13-29	--	8.4	08-29-35	--	7.2	08-23-60	--	8.9
	10-17-29	--	9.2	03-05-36	--	7	08-20-63	200	15
	11-16-29	--	8.1	09-03-36	--	7.5	03-30-66	--	10
	12-12-29	--	7.5	03-24-37	--	10	06-15-67	185	9.5
	01-23-30	--	7.9	09-01-37	--	7.8	09-05-67	205	14
	02-19-30	--	7.5	09-01-38	--	8	08-28-68	187	9.5
	03-19-30	--	8.2	04-05-39	--	7	02-26-69	188	10
	04-24-30	--	7.9	03-19-40	--	7	08-15-69	193	16
	06-12-30	--	7.9	08-28-40	--	7.5	09-26-72	189	11
	07-10-30	--	8	05-15-41	--	7.1	05-24-73	189	9.3
	08-22-30	--	8.2	08-29-41	--	7.5	05-22-75	201	12
	09-26-30	--	8.5	04-21-42	--	7.8	09-23-76	202	10
	10-24-30	--	8.6	10-29-42	--	7.8	07-20-77	199	11
	11-13-30	--	7.8	04-15-43	--	7.8	08-16-78	198	8.2
	12-09-30	--	8	09-10-43	--	7.8	08-27-79	172	8.4
010031	10-09-34	--	8	08-28-50	--	8.2	04-08-59	--	8.8
122KRKDL	03-14-35	--	3.1	03-26-51	--	8.8	09-02-59	--	7.9
	08-30-35	--	8.4	08-20-51	--	8.6	04-04-60	--	8.4
	09-04-36	--	7.9	04-28-52	--	8.6	08-23-60	--	8
	03-24-37	--	8.1	09-03-52	--	9	04-12-61	--	7.7
	09-01-37	--	8.4	03-31-53	--	7.5	08-21-61	183	7.5
	04-13-38	--	5.5	09-02-53	--	10	04-10-62	184	7.9
	09-01-38	--	6.9	04-05-54	--	10	09-10-62	191	8.5
	05-15-41	--	8	08-31-54	--	9	04-08-63	242	8.8
	10-29-42	--	8.2	03-30-55	--	11	08-20-63	188	8.4
	04-14-43	--	8	08-30-55	--	8.5	04-21-64	189	8.5
	04-12-44	--	7.5	04-03-56	--	8.3	09-09-64	188	8.5
	03-29-45	--	7.5	08-28-56	--	8.8	04-12-65	198	8.5
	08-25-48	--	7.8	04-08-57	--	8.3	08-23-65	206	8
	04-13-49	--	6.6	08-27-57	--	8	04-20-66	188	8
	08-23-49	--	8.1	04-01-58	--	7.8	09-09-66	188	8
	04-12-50	--	8.2	09-03-58	--	7.8	05-11-67	184	8

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)
ATLANTIC COUNTY--Continued									
010032 122KRKDL	03-22-34	--	8	04-21-42	--	8.2	03-26-51	--	8.5
	10-09-34	--	8.1	10-29-42	--	8.4	08-2D-51	--	9.2
	03-13-35	--	8.1	04-14-43	--	8.5	04-28-52	--	8.8
	08-30-35	--	8.4	04-12-44	--	8.2	09-03-52	--	8.6
	03-05-36	--	8.2	09-28-44	--	8.1	03-31-53	--	8.5
	09-04-36	--	7.9	03-29-45	--	8.5	09-02-53	--	9.3
	03-24-37	--	8.4	08-31-45	--	8.2	04-05-54	--	18
	09-01-37	--	8.2	04-16-46	--	8.1	08-31-54	--	9
	04-13-38	--	8.4	08-29-46	--	8.6	03-30-55	--	10
	09-01-38	--	8.4	04-09-47	--	8.4	08-30-55	--	8.5
	04-05-39	--	8.6	08-25-48	--	8.5	04-03-56	--	8.5
	08-31-39	--	8.4	04-13-49	--	8.5	08-28-56	--	8.5
	03-19-40	--	8	08-23-49	--	9.2	04-08-57	--	8.6
	08-27-40	--	8.4	04-12-50	--	9	08-27-57	--	8.4
	08-29-41	--	8.2	08-28-50	--	9			
010037 122KRKDL	03-28-25	--	12	09-03-36	--	8	08-27-40	--	7.5
	03-22-34	--	7.8	03-24-37	--	8	05-15-41	--	7.6
	10-09-34	--	8.4	09-01-37	--	7.9	08-29-41	--	7.4
	03-13-35	--	8	04-12-38	--	7.9	04-21-42	--	7.5
	08-30-35	--	8.4	09-01-38	--	7.8			
	03-05-36	--	7.9	09-01-38	--	8.5			
010038 122KRKDL	03-28-34	--	3.9	04-16-46	--	3.8	09-03-58	--	3.8
	10-10-34	--	3.8	08-29-46	--	4.5	04-08-59	--	4
	03-13-35	--	3.8	04-09-47	--	4	09-02-59	--	3.8
	09-06-35	--	3.9	04-21-48	--	3.6	04-04-60	--	3.5
	03-02-36	--	3.8	08-25-48	--	3.8	08-23-60	--	3.7
	09-04-36	--	3.6	04-14-49	--	3.6	04-12-61	--	3.8
	03-23-37	--	3.8	08-24-49	--	4.1	08-21-61	140	3.3
	09-03-37	--	3.9	04-13-50	--	3.5	04-11-62	140	3.7
	04-13-38	--	3.8	08-29-50	--	4.1	09-10-62	144	3.5
	09-02-38	--	3.8	03-28-51	--	4.5	04-08-63	169	3.6
	04-06-39	--	3.8	08-22-51	--	4	08-20-63	141	3.4
	08-30-39	--	4	04-28-52	--	4	09-09-64	143	3.5
	03-18-40	--	3.9	09-03-52	--	4.2	04-12-65	146	3.5
	08-28-40	--	3.9	03-31-53	--	3.3	08-23-65	146	3
	05-14-41	--	3.6	09-02-53	--	4.6	04-20-66	145	3.5
	08-29-41	--	3.8	04-08-54	--	5	09-09-66	142	3.5
	04-22-42	--	4	08-31-54	--	4	05-11-67	140	3.5
	10-29-42	--	3.9	03-30-55	--	3.5	09-05-67	144	3
	04-16-43	--	3.1	08-30-55	--	3.5	03-26-68	143	4
	09-03-43	--	3.8	04-03-56	--	3.8	08-28-68	139	4
	04-14-44	--	4	08-28-56	--	4	03-13-69	142	3.5
	09-27-44	--	3.6	04-08-57	--	3.6	08-15-69	140	3.5
	03-29-45	--	3.8	08-27-57	--	3.4	03-14-72	144	3.4
	08-30-45	--	3.9	04-01-58	--	5	09-26-72	142	5.6
010039 122KRKDL	09-05-67	157	5	09-24-74	149	5.1	08-28-80	266	36
	03-26-68	149	4.5	05-22-75	155	5.2	08-18-81	144	3.9
	02-26-69	150	5	08-19-76	155	5	09-09-82	149	4
	09-26-72	148	6	08-16-78	154	3.7	09-30-83	142	3.9
	09-07-73	146	3.7	08-27-79	146	3.9			
010040 122KRKDL	04-02-53	--	4.6	04-08-59	--	6.8	08-23-65	152	4
	09-03-53	--	8.2	09-02-59	--	4.6	04-20-66	156	4
	04-08-54	--	6.5	04-04-60	--	4.6	09-09-66	156	4.5
	09-02-54	--	3	08-23-60	--	4.5	05-11-67	148	3.5
	04-01-55	--	4	04-12-61	--	5	02-26-69	146	3

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ride, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ride, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)
ATLANTIC COUNTY--Continued									
010040 122KRKDL (continued)	09-01-55	--	5	08-21-61	140	3.2	03-14-72	149	3.5
	04-05-56	--	2.3	04-11-62	149	4.6	09-26-72	149	3.5
	08-31-56	--	4.5	09-11-62	155	4.5	09-07-73	145	1.9
	04-10-57	--	2.8	04-08-63	181	4.5	09-24-74	148	3.4
	08-27-57	--	4.2	08-20-63	150	3.8	08-19-76	160	4.7
	04-01-58	--	2.4	04-21-64	149	4	03-03-81	148	2.6
010041 122KRKDL	09-03-58	--	4.9	09-09-64	150	4.5	08-18-81	165	2
	10-30-24	--	210	09-04-46	--	9.9	04-04-60	--	7.1
	09-22-25	--	180	04-09-47	--	6.1	08-23-60	--	5.7
	10-29-25	--	140	04-14-49	--	12	08-21-61	144	5.2
	11-09-25	--	130	08-23-49	--	12	04-11-62	149	6
	01-14-26	--	85	08-28-50	--	6.4	08-20-63	147	5.3
	03-23-26	--	58	03-27-51	--	5	09-09-64	147	5
	06-18-26	--	35	08-21-51	--	4.5	04-12-65	150	5
	07-15-26	--	21	04-30-52	--	5.9	08-23-65	150	5
	08-28-26	--	11	09-05-52	--	6	04-20-66	170	11
	09-03-35	--	7	04-04-53	--	6.9	09-09-66	148	5
	09-06-35	--	5.2	04-08-54	--	10	09-05-67	143	4
	11-27-35	--	5.4	09-02-54	--	8.8	03-26-68	145	7.1
	03-04-36	--	2.4	04-01-55	--	5.5	08-28-68	138	5
	09-03-36	--	5.2	09-01-55	--	7	08-15-69	142	4
	05-16-41	--	7.4	04-05-56	--	5.4	09-26-72	137	6.7
	04-23-42	--	130	08-31-56	--	5.9	09-07-73	137	4.5
	04-14-43	--	7.5	04-10-57	--	14	08-16-78	138	4.1
	09-10-43	--	7.9	08-27-57	--	6.6	08-27-79	130	4.2
	04-15-44	--	3.4	04-01-58	--	10	08-28-80	127	4.3
	09-28-44	--	6.1	09-03-58	--	6	03-03-81	130	3.5
	03-28-45	--	7.2	04-08-59	--	30	08-18-81	126	4.3
	04-16-46	--	10	09-02-59	--	5.5			
	09-03-37	--	3	04-13-50	--	3.5	09-16-62	155	2.9
010042 122KRKDL	03-11-35	--	3.1	03-27-51	--	4	04-08-63	118	3.2
	03-23-37	--	3	08-22-51	--	3.2	08-20-63	95	2.6
	04-13-38	--	3.1	04-30-52	--	3.8	09-09-64	99	5
	08-31-38	--	3.1	09-05-52	--	2.4	04-12-65	101	3.5
	04-08-39	--	3.8	04-04-53	--	3.7	08-23-65	87	2.5
	08-30-39	--	3.2	09-03-53	--	4.3	04-20-66	99	2.5
	08-28-40	--	3.4	04-08-54	--	5	09-09-66	93	2.5
	05-16-41	--	3.1	09-02-54	--	4	05-11-67	94	2
	08-29-41	--	3.1	04-01-55	--	3	03-26-68	90	3.1
	04-23-42	--	3.2	09-01-55	--	4.5	02-26-69	91	4
	10-30-42	--	3.2	04-05-56	--	3.1	08-15-69	96	5.5
	04-14-43	--	3.2	08-31-56	--	3	03-14-72	92	5
	09-10-43	--	3.2	04-10-57	--	3.1	09-26-72	90	4.1
	04-15-44	--	9.5	08-27-57	--	3.3	05-24-73	89	3
	03-28-45	--	3.5	04-01-58	--	3.1	08-19-76	96	3.3
	04-16-46	--	3.2	09-03-58	--	3.4	07-20-77	87	3.3
	09-05-46	--	3.4	04-08-59	--	3.1	08-18-81	86	2.4
	04-09-47	--	3.2	09-02-59	--	3.4	09-09-82	89	2.4
	08-26-48	--	2.1	04-04-60	--	3.1	09-30-83	90	2.4
	04-14-49	--	9.5	08-23-60	--	3.6			
	08-23-49	--	4.1	04-12-61	--	2.9			
	11-02-70	43	6.4	09-07-73	36	6.2	08-19-76	38	7.6
	03-15-72	36	6.4	04-08-74	46	7.9			
	09-27-72	36	7.6	09-24-74	120	12			

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)
ATLANTIC COUNTY--Continued									
010151 121CKKD	09-07-73	55	4.6	09-24-74	54	6.9	08-19-76	59	6.2
010180 122KRKDL	04-19-62 09-17-62 04-11-63	115 114 125	2.5 2.5 2.1	08-23-63 04-24-64 09-14-64	114 117 117	2 3 2	04-12-65 03-14-69	117 121	3 3.2
010353 121CKKD	04-08-63 08-20-63 09-10-64 04-13-65 08-24-65	70 65 128 84 80	12 12 14 14 13	09-12-66 09-06-67 08-20-68 05-24-73 09-07-73	87 86 65 105 102	15 16 12 18 17	08-19-76 07-20-77 08-15-78 08-14-81	105 110 116 113	19 18 17 18
	04-21-66	171	14	09-24-74	108	18			
010357 121CKKD	09-02-53 07-04-54 09-07-54	-- -- --	10 11 11	04-01-55 08-31-55 04-05-56	-- -- --	12 10 1D	08-31-56	--	12
010362 121CKKD	09-06-67 03-27-68 08-29-68 02-26-69	88 95 116 109	14 14 18 14	08-21-69 03-15-72 09-27-72 05-22-75	110 89 126 143	15 14 18 21	08-19-76 07-20-77 08-14-81	130 134 132	19 19 18
010367 122KRKDL	04-11-50 08-29-50 03-28-51 08-21-51 04-30-52	-- -- -- -- --	7 4.9 7.2 9.5 7	09-03-58 04-09-59 09-02-59 04-04-60 08-23-60	-- -- -- -- --	6.6 7 7.2 7.2 6.7	09-12-66 05-11-67 03-27-68 08-28-68 02-27-69	172 169 170 175 171	6 6 6.8 7 7
	09-04-52 04-01-53 09-01-53 04-07-54 09-01-54	-- -- -- -- --	8.2 6.5 9.3 9 7.2	04-12-61 08-21-61 04-10-62 09-10-62 04-08-63	-- 164 173 175 187	6.7 6.2 7.4 6.7 6.5	08-21-69 03-14-72 09-26-72 09-08-73 04-08-74	168 176 181 173 178	6 7 8.6 6.9 8.2
	03-31-55 08-31-55 04-04-56 08-29-56 08-28-57	-- -- -- -- --	7 8.5 27 36 6.4	08-20-63 04-21-64 09-09-64 04-12-65 08-23-65	-- 168 170 171 179	6.3 6.8 6.5 6 6.5	08-27-79 09-03-80 08-18-81 09-09-82 10-04-83	180 163 173 177 155	7.1 7.1 6.6 7.3 7.2
	04-01-58	--	7.1	04-20-66	174	6			
010368 122KRKDL	08-28-40 05-16-41 09-09-41 04-22-42 10-30-42	-- -- -- -- --	7 7 7.2 7.2 7.4	09-04-46 04-08-47 08-26-48 04-13-49 08-25-49	-- -- -- -- --	7.2 7 8.2 6.8 7	09-02-53 04-07-54 09-01-54 03-31-55 08-31-55	-- -- -- -- --	8.9 11 7.3 6.5 7.5
	04-15-43 09-03-43 04-15-44 09-29-44 03-29-45	-- -- -- -- --	7.1 7.2 6.8 7 7.1	04-11-50 08-29-50 03-28-51 08-21-51 04-30-52	-- -- -- -- --	7 7.9 8 10 7	04-04-56 08-29-56 08-28-68 09-08-73 08-18-76	-- -- 173 170 190	150 7.2 8 6.5 8.1
	08-29-45 04-15-46	-- --	7 7.2	09-04-52 04-01-53	-- --	4.4 6.5			
010369 122KRKDL	05-24-73	164	5.8	09-08-73	163	5	08-18-76	178	7.1
010370 122KRKDL	06-19-70 09-26-72 09-08-73	164 170 162	9 8.1 6.5	04-08-74 08-18-81 09-09-82	164 160 173	7.8 6.3 7.3	10-03-83	167	7.2

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)
ATLANTIC COUNTY--Continued									
010371 122KRKDL	03-28-34	--	4.5	09-09-41	--	4.9	08-29-50	--	5.8
	10-09-34	--	9.5	04-22-42	--	5.2	08-21-51	--	6.2
	03-12-35	--	5.8	10-30-42	--	5	04-30-52	--	5.6
	08-28-35	--	4.9	04-15-43	--	5.5	09-04-52	--	5.4
	03-03-36	--	5	09-03-43	--	5.1	04-01-53	--	5.1
	09-03-36	--	4.6	04-14-44	--	5.2	09-02-53	--	7.4
	03-23-37	--	4.9	09-27-44	--	5.1	04-07-54	--	7
	09-01-37	--	5	03-29-45	--	5.9	09-01-54	--	6.2
	04-12-38	--	5.6	08-29-45	--	5.2	03-31-55	162	5.5
	08-31-38	--	4.9	04-15-46	--	5.9	08-31-55	159	6.5
	04-07-39	--	5	08-30-46	--	6.8	04-04-56	158	6.1
	08-31-39	--	5.2	04-09-47	--	5.8	08-29-56	166	7.2
	03-19-40	--	5	08-26-48	--	5.6	04-09-57	162	6.7
	08-28-40	--	6	04-14-49	--	5.9	08-28-57	158	5.8
	05-16-41	--	5.2	08-22-49	--	5.8	06-02-59	162	6.6
010372 122KRKDL	08-21-61	145	4.9	08-23-65	152	6.5	06-19-70	154	6.5
	04-10-62	151	6.6	04-20-66	153	6	03-14-72	155	6.5
	09-10-62	159	6.3	09-12-66	151	5.5	09-26-72	152	6.3
	04-08-63	181	6.9	05-11-67	148	4.5	05-24-73	151	5.1
	08-20-63	166	8.2	09-05-67	152	5	09-08-73	148	4.1
	04-21-64	153	6	03-27-68	152	5.4	08-18-76	160	5.3
	09-09-64	151	5.5	08-28-68	162	5	09-03-80	142	4.2
010373 122KRKDL	03-28-34	--	5.9	04-22-42	--	5.5	08-29-50	--	6.2
	10-09-34	--	5.5	10-30-42	--	5.9	03-28-51	--	10
	03-12-35	--	5.8	04-15-43	--	5.6	08-21-51	--	6.8
	08-28-35	--	5.6	09-03-43	--	6	04-30-52	--	6.6
	03-03-36	--	5.8	04-14-44	--	6.2	09-04-52	--	1
	09-03-36	--	5.5	09-27-44	--	5.8	04-01-53	--	6.5
	03-23-37	--	6.5	03-29-45	--	5.6	09-02-53	--	8.2
	09-01-37	--	5.5	08-29-45	--	5.8	04-07-54	--	8
	04-12-38	--	5.1	04-15-46	--	5.9	09-01-54	--	7.6
	08-31-38	--	5.8	08-30-46	--	6.5	03-31-55	207	6.5
	04-07-39	--	5.6	04-09-47	--	7	08-31-55	167	8
	08-31-39	--	5.6	04-21-48	--	26	04-04-56	164	6.9
	03-19-40	--	5.4	08-26-48	--	5.9	08-29-56	163	7.2
	08-28-40	--	5.6	04-14-49	--	6.8	04-09-57	162	6.8
	05-16-41	--	5.4	08-22-49	--	6.4	08-27-57	164	7.3
	09-09-41	--	5.6	04-12-50	--	6.5			
010374 122KRKDL	07-19-33	--	52	04-15-46	--	5.5	04-12-61	147	5.6
	01-19-34	--	54	08-30-46	--	6.8	08-21-61	145	4.9
	03-28-34	--	54	04-09-47	--	5.2	04-10-62	151	6.6
	10-09-34	--	22	08-25-48	--	4.8	09-10-62	159	6.3
	10-18-35	--	8.9	04-14-49	--	5.4	04-08-63	181	6.9
	09-03-36	--	7.5	08-22-49	--	5.8	08-20-63	166	8.2
	09-01-37	--	6.2	04-12-50	--	5.4	04-21-64	153	6
	08-31-38	--	5.9	08-29-50	--	6.2	09-09-64	151	5.5
	08-31-39	--	6.1	08-29-56	160	7.4	08-23-65	152	6.5
	08-28-40	--	6	04-09-57	151	6.2	05-11-67	148	4.5
	05-16-41	--	9.8	08-28-57	154	6.4	09-05-67	152	5
	09-09-41	--	6	04-01-58	158	6.7	03-27-68	152	5.4
	04-22-42	--	10	09-03-58	158	6.8	08-28-68	162	5
	09-03-43	--	9	09-02-59	155	6.4	06-19-70	154	6.5
	09-01-44	--	6.1	04-04-60	148	5			
	11-09-45	--	5	08-23-60	151	6.4			

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Specifc conductance ($\mu\text{S}/\text{cm}$)	Chloride, dissolved (mg/L as Cl)	Date of sample	Specifc conductance ($\mu\text{S}/\text{cm}$)	Chloride, dissolved (mg/L as Cl)	Date of sample	Specifc conductance ($\mu\text{S}/\text{cm}$)	Chloride, dissolved (mg/L as Cl)
ATLANTIC COUNTY--Continued									
010375 122KRKDL	08-31-55	--	6.5	08-21-61	160	7.2	03-27-68	158	7.1
	04-04-56	--	7.5	04-10-62	159	7.4	08-28-68	164	7
	08-29-56	--	7.4	09-10-62	161	7	03-13-69	161	7.1
	04-09-57	--	8.4	04-08-63	171	6.6	08-21-69	158	6.5
	08-28-57	--	6.6	08-20-63	156	6.2	06-19-70	159	9
	04-01-58	--	6.8	04-21-64	155	7	09-26-72	164	9
	09-03-58	--	7	09-09-64	157	6.5	09-08-73	157	6.5
	04-08-59	--	7.6	04-12-65	156	6.5	08-18-76	171	7.7
	09-02-59	--	7	08-23-65	156	7	09-03-80	152	6.5
	04-04-60	--	7.5	04-20-66	159	7	08-18-81	162	6.4
010376 122KRKDL	08-23-60	--	7.5	09-12-66	156	7	10-03-83	153	6.7
	04-12-61	--	7.5	09-05-67	159	7			
010466 121CKKD	10-16-56	32	3	11-21-56	24	3.2			
010493 121CKKD	07-08-57	22	4	06-10-60	23	4.3			
010503 121CKKD	11-05-56	23	3.3	11-16-56	32	3			
010542 121CKKD	06-10-60	22	4	06-14-60	23	3.2			
010549 121CKKD	09-03-53	--	11	08-24-60	--	11	3-27-68	72	9.8
	04-07-54	--	11	04-13-61	--	11	8-29-68	106	12
	09-02-54	--	12	08-22-61	102	11	3-13-69	112	10
	03-30-55	--	12	04-10-62	94	11	8-21-69	109	13
	09-01-55	--	11	09-10-62	98	11	9-27-72	103	13
	04-05-56	--	10	04-08-63	105	11	8-19-76	119	13
	08-31-56	--	11	08-20-63	97	11	7-20-77	122	14
	04-10-57	--	11	09-10-64	94	10	8-15-78	123	12
	09-05-57	--	11	04-13-65	94	10	8-28-79	122	13
	04-01-58	--	10	08-24-65	--	10	8-28-80	121	14
	09-04-58	--	11	04-21-66	--	13	8-14-81	109	12
	04-08-59	--	11	09-12-66	93	12	9-10-82	124	15
	09-03-59	--	11	05-11-67	93	10			
	04-05-60	--	11	09-06-67	98	11			
010555 121CKKD	08-30-55	--	5.5	09-02-59	--	4.9	08-20-63	71	5.5
	04-03-56	--	5.1	04-04-60	--	5.9	04-21-64	69	5
	08-28-56	--	5.4	08-23-60	--	5.2	09-09-64	71	5
	04-08-57	--	5.4	04-12-61	--	5.8	04-12-65	74	5
	09-05-57	--	55	08-21-61	73	4.9	04-20-66	--	5
	04-01-58	--	5.9	04-10-62	51	5.6	09-09-66	50	5
	09-03-58	--	5.1	09-10-62	76	5.5			
010559 121CKKD	04-08-59	--	5.8	04-08-63	55	6			
	09-06-67	101	12	09-07-73	82	9.5	08-28-79	60	8.6
	03-27-68	98	12	09-24-74	64	9.6	08-28-80	66	9.2
	08-29-68	103	13	08-19-76	54	8.5	08-14-81	58	8.8
	03-15-72	104	13	07-20-77	66	10			
	09-27-72	96	11	08-15-78	87	9.2			

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Specific conductance ($\mu\text{S}/\text{cm}$)	Chloride, dissolved (mg/L as Cl)	Date of sample	Specific conductance ($\mu\text{S}/\text{cm}$)	Chloride, dissolved (mg/L as Cl)	Date of sample	Specific conductance ($\mu\text{S}/\text{cm}$)	Chloride, dissolved (mg/L as Cl)
ATLANTIC COUNTY--Continued									
010563 121CKKD	09-02-54	--	9.8	09-03-59	--	8.8	09-10-64	64	8.5
	03-30-55	--	8.3	04-05-60	--	8.4	04-13-65	69	8.5
	09-01-55	--	8.5	08-24-60	--	8.7	08-24-65	66	8.5
	04-05-56	--	8.1	08-22-61	61	9.6	04-21-66	66	9
	08-31-56	--	11	12-04-61	--	9	09-12-66	80	7
	04-10-57	--	9.2	04-10-62	58	8.8	09-06-67	78	9
	09-05-57	--	8.6	09-10-62	59	8.6	03-27-68	79	8.5
	04-01-58	--	9.2	04-08-63	53	8.3	08-29-68	77	8.6
	09-04-58	--	8.8	08-20-63	62	8.5	11-02-70	79	10
	04-08-59	--	9.2	04-22-64	56	9			
010564 121CKKD	08-27-79	118	16	08-28-80	114	14			
010567 121CKKD	09-03-53	--	19	09-01-55	84	13	09-13-57	98	15
	04-08-54	--	17	04-05-56	92	16	08-27-79	75	7.7
	09-08-54	--	18	08-31-56	95	17			
	04-01-55	74	14	04-10-57	74	9.6			
010568 122KRKDL	08-15-78	117	2.3	08-28-80	111	2.5	09-10-82	116	2.3
010569 121CKKD	09-03-53	--	12	09-01-55	--	10	09-13-57	--	13
	04-08-54	--	15	04-05-56	--	13	08-28-80	87	11
	09-08-54	--	11	08-31-56	--	14			
	04-01-55	--	15	04-10-57	--	9.9			
010570 122KRKDL	08-29-50	--	2.6	04-04-53	--	2.8	08-31-56	60	6.4
	03-29-51	--	2.2	09-03-53	--	4.1	04-10-57	73	6.2
	08-22-51	--	3	04-08-54	--	4.5	09-13-57	83	3.8
	04-30-52	--	3.5	09-08-54	--	4.4	09-30-83	105	2.3
	09-05-52	--	2.3	04-01-55	115	2.5			
010572 121CKKD	08-15-78	610	160	08-27-79	397	93	08-28-80	302	68
010574 121CKKD	02-10-32	--	5	08-15-78	101	18	09-30-83	223	57
010575 121CKKD	01-26-32	--	12	04-01-55	49	5	09-13-57	52	4.6
	09-06-33	--	14	09-01-55	195	12	08-28-80	51	4.9
	09-03-53	--	6.7	04-05-56	53	5	09-10-82	56	5
	09-08-54	--	6.9	08-31-56	52	5			
010578 122KRKDL	04-19-62	155	5.9	08-23-63	159	5.8	03-14-69	174	6.7
	09-17-62	162	5.8	04-24-64	169	6.5			
	04-11-63	173	6.8	09-14-64	165	5.5			
010582 121CKKD	09-06-67	102	14	05-24-73	74	14	08-28-80	124	19
	03-27-68	94	14	09-07-73	109	15	08-14-81	128	21
	08-29-68	105	17	04-08-74	116	17	09-10-82	134	23
	11-02-70	104	16	07-20-77	106	17	10-17-83	142	21
	03-15-72	112	14	08-15-78	121	16			
	09-27-72	110	18	08-28-79	122	17			
010583 121CKKD	09-03-53	--	10	04-06-60	55	10	05-11-67	181	14
	04-07-54	--	12	08-24-60	55	11	09-06-67	67	11
	09-02-54	--	13	04-13-61	58	11	03-27-68	96	14
	03-30-55	75	10	08-22-61	71	11	08-29-68	72	26
	09-01-55	56	10	04-10-62	57	11	03-13-69	86	22
	04-05-56	83	10	09-10-62	58	11	08-21-69	91	19
	08-31-56	87	13	04-08-63	68	11	11-02-70	64	12
	04-10-57	69	10	08-20-63	58	10	09-27-72	73	14
	09-05-57	57	10	09-10-64	61	10	05-22-75	104	17
	04-01-58	56	10	04-13-65	68	11	08-19-76	100	16

Table 7--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS Well number and aquifer code	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)
ATLANTIC COUNTY--Continued									
01D583 121CKKD (Continued)	09-04-58 04-08-59 09-03-59	61 57 65	11 12 11	08-24-65 04-21-66 09-12-66	64 181 62	10 14 12	07-20-77	101	17
010589 121CKKD	03-27-68 08-29-68 02-26-69	56 111 279	14 11 79	07-20-77 08-28-79 08-28-80	391 304 285	110 80 77	08-14-81	--	160
010593 122KRKDL	09-05-67 03-26-68 08-28-68	162 159 164	5 5.2 7	06-19-70 09-26-72 09-08-73	158 159 153	7.5 5.8 4	09-23-76 09-09-82 10-03-83	167 167 154	6 4.6 4.5
010594 122KRKDL	10-09-34 03-24-37 08-31-39 04-22-42 08-25-48	-- -- -- -- --	6.4 5.6 6.2 5.2 3.5	04-29-52 09-04-52 04-01-53 09-03-53 04-07-54	-- -- -- -- --	5.1 4.8 5.9 8.8 7.4	08-31-55 04-04-56 08-30-56 04-09-57 08-28-57	-- -- -- -- --	6.5 5.5 6.6 5.9 7.2
	04-13-49 08-29-50	-- --	7.4 6	09-01-54 03-31-55	-- --	6.2 6	04-12-65 08-23-65	167 163	4.5 4
010595 122KRKDL	10-09-34 03-12-35 08-30-35 03-03-36 09-04-36	-- -- -- -- --	5.5 5.4 5.5 6.8 5.4	09-03-41 04-22-42 10-29-42 04-15-43 09-03-43	-- -- -- -- --	5.4 6.1 6.6 8.8 5.6	04-29-52 09-04-52 04-01-53 09-03-53 04-07-54	-- -- -- -- --	7 7 6.4 8 8
	03-24-37 09-02-37 04-12-38 08-31-38 06-05-39	-- -- -- -- --	5.5 5.6 8.1 5.5 5.8	04-13-44 03-29-45 04-16-46 09-03-46 04-10-47	-- -- -- -- --	7.4 6.6 6.2 6.2 7	09-01-54 08-31-55 04-04-56 08-30-56 04-09-57	-- 169 167 166 171	6.8 7.5 6 7 6.4
	08-31-39 03-19-40 07-12-40 08-29-40 05-14-41	-- -- -- -- --	5.8 4.2 5.6 5.8 6	08-25-48 04-13-49 04-12-50 08-29-50 08-21-51	-- -- -- -- --	6 6.8 6.2 6.1 6.8	08-28-57 06-19-70 09-26-72 05-24-73 08-21-51	168 176 178 172 --	6.6 9 8.9 7.9 --
010596 122KRKDL	10-09-34 08-30-35 03-03-36 09-04-36 03-24-37	-- -- -- -- --	5.4 5.4 5.6 5 5.6	09-29-44 03-29-45 08-30-45 04-16-46 09-03-46	-- -- -- -- --	5.6 6.6 6 6.2 6	04-04-56 08-30-56 04-09-57 08-28-57 08-23-65	-- -- -- -- 163	5.3 5.1 5.2 5.4 4
	09-02-37 04-12-38 08-31-38 04-08-39 08-31-39	-- -- -- -- --	5.2 5.9 5.5 6 5.8	04-10-47 08-25-48 04-13-49 08-23-49 04-12-50	-- -- -- -- --	7.1 8.9 5.1 6 5.2	09-12-65 04-20-66 09-12-66 05-11-67 09-05-67	167 169 164 161 171	4.5 4.5 5 5.5 6
	03-19-40 08-29-40 05-14-41 09-03-41 04-22-42	-- -- -- -- --	5.8 5.2 6.1 5.5 7.8	08-29-50 03-27-51 08-21-51 04-29-52 09-04-52	-- -- -- -- --	5.2 13 6.2 7.2 5.7	03-26-68 08-28-68 06-19-70 03-14-72 09-26-72	161 166 177 171 173	5.9 7 8.5 6.4 7.4
	10-29-42 04-15-43 09-03-43 04-14-44	-- -- -- --	6 6.2 5.8 5.9	04-01-53 09-03-53 03-31-55 08-31-55	-- -- -- --	5.9 7.4 7 5.5	09-08-73 04-08-74 09-03-80 08-18-81	166 171 162 175	6 8 6.5 6.4

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)
ATLANTIC COUNTY--Continued									
010597 122KRKDL	10-09-34	--	4.9	09-29-44	--	4.8	08-31-55	--	5.5
	08-30-35	--	4.9	03-29-45	--	5.5	04-04-56	--	3.9
	03-03-36	--	5.1	08-30-45	--	5	08-30-56	--	4
	09-04-36	--	4.8	04-16-46	--	5.5	04-09-57	--	5.6
	03-24-37	--	5	09-03-46	--	4.9	08-28-57	--	4.8
	09-02-37	--	5	04-10-47	--	5.5	04-01-58	--	3.8
	04-12-38	--	5.4	08-25-48	--	4.9	09-03-58	--	4.2
	08-31-38	--	4.9	08-23-49	--	5.2	04-08-59	--	4
	04-08-39	--	5.4	04-12-50	--	4.9	09-02-59	--	3.9
	08-31-39	--	5	08-29-50	--	4	04-04-60	--	3.9
	03-19-40	--	5.2	03-27-51	--	5.6	08-23-60	--	3.7
	08-29-40	--	5.2	08-21-51	--	3.8	04-12-61	--	4
	05-14-41	--	5.4	04-29-52	--	5.4	08-21-61	136	3.8
	09-03-41	--	4.9	09-04-52	--	5.3	04-10-62	135	3.9
	04-22-42	--	5.8	04-01-53	--	4.1	09-10-62	141	3.8
	10-29-42	--	5.6	09-03-53	--	6.2	04-08-63	185	6
	04-15-43	--	5.5	04-07-54	--	9.5	08-30-63	141	3.6
	09-03-43	--	4.8	09-01-54	--	4.5	04-21-64	138	3.9
	04-13-44	--	5.6	03-31-55	--	4	09-09-64	144	3.5
010598 122KRKDL	06-19-70	159	7	09-23-76	173	6.6	10-03-83	150	5
	09-26-72	161	6.4	08-27-79	159	5.3			
	04-08-74	164	7	08-18-81	155	5			
010599 122KRKDL	10-09-34	--	4.2	09-03-43	--	4.2	04-01-53	--	5.7
	08-30-35	--	4.5	04-13-44	--	4.4	09-03-53	--	7.3
	03-03-36	--	4.2	09-29-44	--	4.1	04-07-54	--	9
	09-04-36	--	4.5	03-29-45	--	4.4	09-01-54	--	12
	03-24-37	--	4.5	08-30-45	--	13	03-31-55	--	4.5
	09-02-37	--	4.4	04-16-46	--	4.6	08-31-55	--	14
	04-12-38	--	4.1	09-03-46	--	4.8	08-30-56	--	6
	08-31-38	--	4.5	04-10-47	--	4.8	04-09-57	--	6.1
	04-08-39	--	4.6	08-25-48	--	5.8	08-28-57	--	4.9
	08-31-39	--	4.5	04-13-49	--	5.5	06-19-70	251	14
	03-19-40	--	4.2	08-23-49	--	6.4	03-14-72	168	5.7
	08-29-40	--	4.5	04-12-50	--	12	09-26-72	276	5.2
	05-14-41	--	4.1	08-29-50	--	5.6	09-08-73	252	12
	09-03-41	--	4.2	03-27-51	--	5.4	07-20-77	172	6.4
	04-22-42	--	4.4	08-21-51	--	6.6	08-16-78	284	11
	10-29-42	--	4.5	04-29-52	--	15			
	04-15-43	--	4.4	09-04-52	--	5			
010600 122KRKDL	10-09-34	--	3.8	08-23-49	--	10	08-23-60	--	4.1
	08-30-35	--	4.1	04-12-50	--	4.2	04-12-61	--	4.3
	03-03-36	--	3.9	08-29-50	--	4.8	08-21-61	140	4.1
	09-04-36	--	3.9	03-27-51	--	5.6	04-10-62	284	9.9
	09-02-37	--	4.2	08-21-51	--	4.8	09-10-62	143	3.7
	04-12-38	--	4	04-29-52	--	4.5	04-08-63	156	3.8
	08-31-38	--	4.1	09-04-52	--	7.4	08-20-63	139	3.6
	06-08-39	--	4.2	04-01-53	--	7.7	04-21-64	141	3.5
	08-31-39	--	3.9	09-03-53	--	7.1	09-09-64	141	3.5
	08-29-40	--	3.9	04-07-54	--	7	04-12-65	140	3.5
	05-14-41	--	4.2	09-02-54	--	4.8	08-23-65	144	3.5
	09-03-41	--	3.9	03-31-55	--	4.3	04-20-66	142	3.5
	10-29-42	--	5	08-31-55	--	4.5	05-11-67	138	3.5
	09-03-43	--	4	04-04-56	--	4	09-05-67	147	3
	04-13-44	--	4.6	08-30-56	--	4	08-28-68	179	8

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)
ATLANTIC COUNTY--Continued									
010600 122KRKDL (Continued)	09-29-44	--	5	04-09-57	--	3.6	02-26-69	161	7
	03-29-45	--	4	08-28-57	--	5.4	08-15-69	152	7
	08-30-45	--	4	04-01-58	--	10	06-19-70	145	6
	04-16-46	--	12	09-03-58	--	4.2	09-26-72	143	5.5
	09-03-46	--	4.5	04-08-59	--	4.4	09-08-73	139	3.5
	04-10-47	--	5.5	09-02-59	--	3.9	09-09-82	144	3.6
010648 122KRKDL	08-25-48	--	4.1	04-04-60	--	27	10-03-83	138	3.6
	04-13-49	--	4.1	07-19-60	--	4.8			
	06-06-80	166	4.7	08-27-81	250	22	10-04-83	222	15
010662 122KRKDL	01-31-39	--	8	05-16-41	--	6.4	04-15-43	--	6.8
	08-31-39	--	7.2	09-09-41	--	6.2	09-03-43	--	6.8
	03-18-40	--	6.9	04-22-42	--	6.8	04-15-44	--	6.6
	08-28-40	--	6.2	10-30-42	--	6.6	09-29-44	--	6.1
010663 122KRKDL	03-27-34	--	18	05-15-41	--	9	04-12-50	--	18
	10-08-34	--	8.6	08-29-41	--	9.8	08-28-50	--	10
	08-29-35	--	9.5	04-23-42	--	18	04-30-52	--	17
	03-05-36	--	11	10-28-42	--	18	09-05-52	--	12
	09-04-36	--	8.6	09-28-44	--	9.2	03-31-53	--	18
	03-24-37	--	11	01-31-45	--	18	09-02-53	--	11
	09-03-37	--	10	03-28-45	--	14	04-08-54	--	24
	04-12-38	--	12	08-30-45	--	9.9	09-02-54	--	9.8
	09-02-38	--	9.1	04-15-46	--	18	03-30-55	200	10
	04-06-39	--	20	08-29-46	--	10	08-30-55	208	10
010664 122KRKDL	08-30-39	--	10	04-10-47	--	8.9	04-03-56	197	8.5
	03-19-40	--	12	08-25-48	--	10	08-28-56	191	8.6
	07-26-40	--	9.5	04-12-49	--	8.6	04-08-57	289	18
	08-27-40	--	18	08-23-49	--	18	09-12-57	258	13
	08-29-35	--	7.1	04-15-43	--	6.8	08-28-50	--	8
010665 122KRKDL	09-04-36	--	6.9	09-10-43	--	7	03-28-51	--	7.8
	03-24-37	--	7	04-12-44	--	7.8	08-22-51	--	8
	09-01-37	--	7.4	09-28-44	--	59	04-30-52	--	8.8
	04-12-38	--	7	01-31-45	--	7.2	09-03-52	--	9.2
	09-02-38	--	7.2	03-28-45	--	7.4	03-31-53	--	7.4
	04-06-39	--	6.8	08-30-45	--	7.1	09-02-53	--	9.4
	08-30-39	--	7.1	04-15-46	--	7.2	04-08-54	--	9
	03-19-40	--	7.1	08-30-46	--	7.9	09-02-54	--	7.6
	08-27-40	--	7.8	04-10-47	--	8	03-30-55	177	7.5
	.05-15-41	--	7	08-25-48	--	7.5	08-30-55	175	9
010665 122KRKDL	08-29-41	--	8.5	04-12-49	--	7.8	04-03-56	174	8.2
	04-21-42	--	7.2	08-23-49	--	8.2			
	10-28-42	--	7.2	04-12-50	--	7.9			
	10-09-34	--	5.5	03-19-40	--	5.5	04-16-46	--	6.2
	03-12-35	--	5.8	08-29-40	--	5.6	09-03-46	--	6.4
	08-08-35	--	4.6	05-14-41	--	4.8	04-10-47	--	6.1
	03-03-36	--	5.8	09-03-41	--	5.5	08-25-48	--	8.9
	09-04-36	--	5.2	04-22-42	--	5.8	04-13-49	--	6.2
010665 122KRKDL	03-24-37	--	5.8	10-29-42	--	5.8	08-29-50	--	4.1
	09-02-37	--	5.5	04-15-43	--	5.8	04-07-54	--	8
	04-12-38	--	5.9	09-03-43	--	5.8	09-08-54	--	6.6
	08-31-38	--	5	04-14-44	--	6	08-31-55	160	7
	06-08-39	--	5.5	03-29-45	--	6.1	04-04-56	157	5.5
010665 122KRKDL	08-31-39	--	5.8	08-30-45	--	5.8	04-09-57	159	6

Table 7--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

Table 7--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)
ATLANTIC COUNTY--Continued									
010670 122KRKDL	05-22-34	--	6.2	08-29-41	--	4.6	08-29-50	--	5.2
	10-09-34	--	6	04-21-42	--	4	08-22-51	--	5
	03-13-35	--	5.8	10-29-42	--	5	04-28-52	--	5.6
	08-29-35	--	5.5	04-15-43	--	4.8	09-03-52	--	5.5
	03-02-36	--	5.2	09-03-43	--	4.8	03-31-53	--	4.7
	09-03-36	--	5	04-14-44	--	5	09-02-53	--	4.4
	03-23-37	--	5.1	09-28-44	--	4.8	04-08-54	--	6
	09-03-37	--	5.4	03-29-45	--	4.8	08-31-54	--	6
	04-13-38	--	5.2	08-30-45	--	4.9	08-30-55	157	5
	09-02-38	--	5.2	04-15-46	--	4.6	04-03-56	156	4.6
	04-06-39	--	5.2	08-29-46	--	5.4	08-28-56	163	6.2
	08-30-39	--	5.4	04-10-47	--	4.9	04-08-57	156	5.1
	03-18-40	--	4.8	08-25-48	--	4.9	08-28-57	156	4.8
	08-28-40	--	4.9	04-14-49	--	4.8			
	05-15-41	--	4.9	08-23-49	--	5.2			
010671 122KRKDL	03-28-34	--	5.2	08-29-41	--	5.1	04-13-50	--	5
	10-09-34	--	5.2	04-20-42	--	5.8	08-29-50	--	5.2
	03-13-35	--	5	10-29-42	--	5.4	08-22-51	--	5.5
	08-30-35	--	5.1	04-15-43	--	5.2	04-28-52	--	6.5
	03-02-36	--	5.1	09-03-43	--	5.5	09-03-52	--	6.2
	09-03-36	--	4.9	04-14-44	--	5	03-31-53	--	4.6
	03-23-37	--	5.1	02-01-45	--	5.2	09-02-53	--	5.6
	09-03-37	--	7	03-27-45	--	5	04-08-54	--	7
	04-13-38	--	5	08-30-45	--	5	08-31-54	--	5.8
	9-02-38	--	5.1	04-15-46	--	5.1	03-30-55	165	5
	04-06-39	--	5.1	08-29-46	--	5.5	08-30-55	165	6
	08-30-39	--	5.4	04-09-47	--	5.1	04-03-56	161	5
	03-18-40	--	5.1	08-25-48	--	5.1	08-28-56	161	5.7
	08-28-40	--	5.1	04-12-49	--	5.2	04-08-57	165	5.2
	05-14-41	--	5.2	08-23-49	--	4.5	08-27-57	159	4.6
010672 121CKKD	08-28-40	--	3,100	08-29-41	--	2,200			
010673 122KRKDL	03-22-34	--	9.8	05-19-40	--	5.6	03-28-45	--	5.9
	10-08-34	--	6.9	07-26-40	--	5.6	04-16-46	--	6.2
	03-14-35	--	5.6	08-27-40	--	5.6	08-30-46	--	6.8
	08-29-35	--	5.8	05-15-41	--	5.5	04-09-47	--	6
	0305-36	--	5.2	08-29-41	--	5.4	04-21-48	--	6.4
	09-03-36	--	5.2	04-21-42	--	5.9	08-25-48	--	6.1
	03-24-37	--	5.5	10-29-42	--	5.8	04-12-49	--	6
	09-01-37	--	5.8	04-15-43	--	6	08-23-49	--	6.8
	04-12-38	--	5.5	09-10-43	--	5.6	04-12-50	--	6.2
	09-01-38	--	5.8	04-12-44	--	5.5	08-28-50	--	6.5
	04-06-39	--	5.8	09-28-44	--	5.6			
	08-31-39	--	5.8	01-31-45	--	6.1			
010674 122KRKDL	03-27-34	--	6.2	08-30-39	--	6.5	03-27-45	--	6.5
	10-08-34	--	6.2	03-19-40	--	6.2	08-30-45	--	6.2
	03-14-35	--	6.2	08-27-40	--	6.2	04-15-46	--	6.6
	08-29-35	--	6.5	05-15-41	--	6.1	08-30-46	--	7
	03-04-36	--	7.2	08-29-41	--	6.4	04-10-47	--	6.4
	09-03-36	--	5.9	04-21-42	--	6.2	04-12-49	--	6.5
	03-24-37	--	6.4	10-29-42	--	6.6	08-23-49	--	7
	09-03-37	--	6.4	04-14-43	--	6.5	04-12-50	--	6.8
	04-12-38	--	6.4	09-09-43	--	6.4	08-28-50	--	6.9
	09-02-38	--	6.5	04-13-44	--	6.2			
	04-06-39	--	6.6	02-01-45	--	6.5			

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS Well number and aquifer code	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)
ATLANTIC COUNTY--Continued									
010675 122KRKDL	03-22-34	--	9	08-31-39	--	8.9	09-28-44	--	8.8
	10-09-34	--	8.9	03-19-40	--	8.5	03-29-45	--	8.9
	03-13-35	--	9	08-27-40	--	9	08-31-45	--	9.4
	08-30-35	--	14	05-15-41	--	8.9	04-16-46	--	8.5
	03-05-36	--	9.2	08-29-41	--	8.6	08-29-46	--	9.4
	09-04-36	--	9	08-29-41	--	8.6	04-10-47	--	9
	03-24-37	--	8.9	04-21-42	--	8.8	08-25-48	--	8.8
	09-01-37	--	9.1	10-29-42	--	9	04-13-49	--	9.1
	04-13-38	--	8.9	04-14-43	--	9.2	08-23-49	--	9.2
	09-01-38	--	10	09-10-43	--	8.9	04-12-50	--	9.4
	04-05-39	--	9.1	04-12-44	--	8.8	08-28-50	--	8.8
010676 122KRKDL	03-22-24	--	12	04-12-44	--	6	04-03-56	--	7.4
	06-26-25	--	22	09-28-44	--	8.2	08-28-56	--	7.3
	08-18-25	--	13	03-28-45	--	7.4	04-08-57	--	4.8
	10-09-34	--	7.1	04-16-46	--	4.9	08-27-57	--	7
	03-14-35	--	3.8	08-29-46	--	5	04-04-60	--	8.2
	08-29-35	--	7.1	04-09-47	--	5.5	04-12-61	--	8.4
	03-05-36	--	4.4	08-25-48	--	7.2	08-21-61	384	84
	09-03-36	--	5.6	04-13-49	--	9	05-04-62	300	42
	03-24-37	--	8.5	08-23-49	--	7.8	09-10-62	195	13
	09-01-37	--	11	04-12-50	--	7.8	04-08-63	240	13
	04-13-38	--	5.8	08-28-50	--	8	09-09-64	201	12
	09-01-38	--	7.1	03-26-51	--	8	04-12-65	182	10
	04-05-39	--	5.8	08-20-51	--	8.2	08-23-65	197	11
	03-19-40	--	10	04-28-52	--	7.1	04-20-66	188	11
	08-28-40	--	7.5	09-03-52	--	12	09-09-66	189	9
	05-15-41	--	6.8	03-31-53	--	7.5	05-11-67	188	8
	08-29-41	--	7.1	09-02-53	--	7.4	06-15-67	183	9.5
	04-21-42	--	6.8	04-05-54	--	12	09-05-67	203	11
	10-29-42	--	4.9	08-31-54	--	8.2	03-26-68	187	8.8
	04-15-43	--	8	03-30-55	--	7.5	08-28-68	198	13
	09-10-43	--	7.5	08-30-55	--	7.5	02-26-69	179	9
010677 122KRKDL	12-30-32	--	9.8	09-01-37	--	8.6	04-12-44	--	10
	01-28-33	--	9.9	04-13-38	--	7.8	09-28-44	--	10
	03-09-33	--	10	09-01-38	--	7.5	03-28-45	--	7
	05-05-33	--	9.6	04-05-39	--	8.5	08-31-45	--	6.4
	03-22-34	--	10	08-31-39	--	7.6	04-16-46	--	9
	10-09-34	--	9.5	03-19-40	--	9.5	08-29-46	--	9.1
	03-14-35	--	9.4	08-28-40	--	10	04-09-47	--	7.8
	08-29-35	--	11	05-15-41	--	9.5	08-25-48	--	4.5
	10-18-35	--	11	08-29-41	--	10	04-13-49	--	9.8
	11-27-35	--	10	04-21-42	--	11	08-23-49	--	8.8
	03-05-36	--	10	10-29-42	--	10	04-12-50	--	9.8
	09-03-36	--	10	04-15-43	--	10	08-28-50	--	9.6
	03-24-37	--	10	09-10-43	--	10			
010678 122KRKDL	01-19-25	--	490	03-24-25	--	320	06-06-25	--	90
	02-11-25	--	570	04-13-25	--	230	06-24-25	--	86
	02-20-25	--	510	04-14-25	--	240	07-14-25	--	76
	02-26-25	--	470	04-18-25	--	230	08-04-25	--	37
	02-27-25	--	450	04-25-25	--	210	08-16-25	--	52
	03-09-25	--	370	05-15-25	--	130	09-13-25	--	67
	03-11-25	--	170	05-26-25	--	120	04-06-27	--	20

Table 7--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)
ATLANTIC COUNTY--Continued									
010679 122KRKDL	03-27-34	--	26	09-01-38	--	6.4	04-15-43	--	4.5
	10-08-34	--	4.2	04-06-39	--	3.5	09-10-43	--	3.5
	03-14-35	--	4.8	08-30-39	--	120	04-14-44	--	4.4
	08-30-35	--	3.5	03-19-40	--	35	09-28-44	--	13
	03-05-36	--	4.9	07-26-40	--	480	01-31-45	--	4
	09-04-36	--	24	05-15-41	--	200	03-28-45	--	7.1
	03-24-37	--	3.1	08-29-41	--	270	09-03-46	--	19
	09-01-37	--	3.6	04-21-42	--	6	04-10-47	--	120
	04-12-38	--	26	10-29-42	--	38	08-25-48	--	20
	09-04-36	--	22	10-29-42	--	90	09-03-52	--	13
010680 122KRKDL	10-08-34	--	14	04-15-43	--	29	03-31-53	--	8.3
	03-14-35	--	28	09-10-43	--	16	09-02-53	--	11
	08-30-35	--	11	04-14-44	--	20	04-08-54	--	9.5
	03-05-36	--	16	09-28-44	--	17	07-08-54	--	8.8
	09-04-36	--	22	03-28-45	--	14	09-02-54	--	7.5
	03-24-37	--	29	08-31-45	--	14	03-30-55	--	7
	09-01-37	--	16	04-15-46	--	14	08-30-55	--	8.5
	04-12-38	--	32	08-25-48	--	68	04-03-56	--	6.4
	09-01-38	--	29	04-14-49	--	35	08-28-56	--	7.9
	04-06-39	--	34	08-23-49	--	40	04-08-57	--	7.7
010681 122KRKDL	08-30-39	--	27	04-12-50	--	24	09-12-57	--	7.6
	08-27-40	--	300	08-28-50	--	16	05-22-75	197	9.2
	05-15-41	--	190	03-26-51	--	12	09-23-76	210	9.2
	08-29-41	--	75	08-20-51	--	14			
010682 122KRKDL	04-21-42	--	80	04-30-52	--	10			
	03-22-34	--	170	03-04-36	--	34	04-12-38	--	50
	10-13-34	--	110	09-03-36	--	160	09-01-38	--	160
	03-18-35	--	96	03-24-37	--	130			
010683 122KRKDL	08-30-35	--	150	09-01-37	--	150			
	09-03-80	172	7.1	08-27-81	182	6.8	10-04-83	157	7.9
	08-18-81	162	4.4	09-09-82	160	5.6			
		155	5.6	09-30-83	155	5.5			

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance (μ S/cm)	Chlor- ide, dis- solved (mg/L as Cl)
CAPE MAY COUNTY									
090002 122KRKDL	03-15-72	252	14	05-20-75	270	14	08-19-81	272	13
	09-28-72	253	8.1	08-06-76	267	15	09-15-82	248	15
	04-05-74	363	44	08-17-78	248	14	10-13-83	255	13
	08-30-74	241	15	08-28-79	254	12			
	01-09-75	250	14	08-26-80	244	13			
090004 122KRKDL	03-15-72	358	42	09-01-77	385	46	09-15-82	370	48
	08-30-74	360	45	08-26-80	361	44			
	08-06-76	378	46	08-19-81	382	46			
090005 122KRKDL	09-01-77	253	13	08-26-80	239	11	10-13-83	240	11
	08-17-78	242	11	08-19-81	258	11			
	08-28-79	236	10	09-15-82	228	12			
090008 122KRKDL	09-28-35	--	52	04-09-63	280	18	09-28-72	300	15
	03-22-37	--	34	08-21-63	327	36	09-06-73	334	39
	09-02-37	--	40	04-22-64	337	38	04-05-74	317	38
	04-11-38	--	38	09-10-64	335	36	08-30-74	334	37
	08-30-38	--	38	04-13-65	329	35	01-09-75	336	40
090106 122KRKDL	08-22-61	319	38	03-28-68	328	38	09-15-82	335	45
	04-11-62	418	42	08-29-68	330	38	10-13-83	340	38
	09-11-62	338	36	03-05-70	331	33			
	08-25-49	--	10	08-28-57	--	12	05-25-73	203	12
	03-28-51	--	11	04-01-58	--	11	04-05-74	205	23
	08-21-51	--	10	09-03-58	--	11	08-30-74	210	12
	04-29-52	--	10	04-09-59	--	11	01-10-75	194	9.7
	09-05-52	--	11	09-03-59	--	11	08-18-76	215	12
	04-02-53	--	11	08-24-60	--	11	09-01-77	219	12
	09-03-53	--	13	09-06-67	204	11	08-16-78	210	11
090108 122KRKDL	09-02-54	--	10	03-27-68	201	11	08-28-79	201	10
	09-01-55	--	11	08-29-68	202	11	08-26-80	203	10
	04-04-56	--	8.5	11-02-70	199	12	09-10-82	207	11
	08-31-56	--	11	03-15-72	203	11			
	04-09-57	--	9.2	09-27-72	216	5.5			
090109 122KRKDL	09-27-72	205	5.5	08-18-76	222	11	10-17-83	209	10
	08-30-74	213	12	08-14-81	205	9.3			
	05-20-75	218	10	09-10-82	209	10			
090110 122KRKDL	08-25-48	--	7.5	09-01-55	--	8.5	09-06-67	201	8
	08-25-49	--	7.9	08-31-56	--	6.6	08-29-68	188	8.5
	08-29-50	--	7.6	08-28-57	--	8	04-05-74	187	11
	08-21-51	--	9.2	09-03-58	--	7.4	08-30-74	199	9.2
	09-05-52	--	8.7	04-09-59	--	11	01-10-75	212	11
	09-03-53	--	9.3	09-03-59	--	8.1	09-10-82	212	10
	09-02-54	--	7.7	08-24-60	--	7.5			
	09-06-67	203	8.5	02-26-69	261	10	08-18-76	205	8.7
	03-27-68	208	12	07-21-69	252	9	08-14-81	185	7
	08-29-68	196	8.5	03-15-72	203	9.2			
090116 122KRKDL	08-31-38	--	7.4	09-04-46	--	7.4	08-31-56	--	15
	08-31-39	--	7	08-25-48	--	7.4	08-27-58	--	8.4
	07-29-40	--	7	08-25-49	--	7.6	11-02-70	217	14
	08-28-40	--	7.2	08-29-50	--	7.2	03-15-72	231	14
	09-09-41	--	7	09-03-53	--	8.2	05-20-75	203	8.1
	09-02-43	--	7.1	09-01-54	--	14	08-18-76	201	7.4

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)
CAPE MAY COUNTY--Continued									
09D124 122KRKDL	09-27-72	215	11	01-10-75	201	9.9	08-14-81	188	8.6
	05-25-73	195	9.4	08-18-76	207	10	10-17-83	203	9.6
	04-05-74	198	11	08-28-79	195	9.4			
090126 122KRKDL	09-01-55	337	30	09-11-62	236	11	03-27-68	234	12
	04-04-56	228	14	08-21-63	234	12	08-29-68	233	12
	04-02-58	--	20	04-22-64	232	12	09-28-72	233	6.2
	09-04-58	--	11	09-10-64	238	10	04-05-74	236	14
	04-09-59	--	11	04-13-65	333	40	08-30-74	246	13
	09-03-59	--	11	08-24-65	242	11	08-06-76	249	13
	04-05-60	--	47	04-21-66	247	14	08-26-80	235	11
	08-24-60	--	11	09-12-66	245	12	09-15-82	240	16
	04-13-61	--	12	05-12-67	230	11	10-13-83	237	11
	08-22-61	228	12	09-06-67	239	11			
090127 122KRKDL	03-31-55	--	16	08-22-61	243	15	03-27-68	262	16
	09-01-55	--	12	09-11-62	251	14	08-29-68	245	14
	04-04-56	--	12	04-09-63	253	14	03-05-70	239	15
	08-29-56	--	14	08-21-63	244	14	11-02-70	240	14
	04-10-57	--	46	04-24-64	255	16	03-15-72	247	15
	04-02-58	--	13	09-10-64	250	16	09-28-72	237	5.5
	09-04-58	--	13	04-13-65	251	14	05-25-73	246	15
	04-09-59	--	14	08-24-65	252	15	09-05-73	243	14
	09-03-59	--	14	04-21-66	244	14	08-30-74	252	15
	04-05-60	--	14	09-12-66	293	27	08-06-76	259	16
090129 122KRKDL	08-24-60	--	14	05-12-67	243	14	09-15-76	250	15
	04-13-61	--	48	09-06-67	256	17			
	07-14-26	--	12	08-29-39	--	16	09-11-62	246	13
	08-26-26	--	13	03-20-40	--	14	04-09-63	258	13
	09-28-26	--	14	05-17-41	--	12	08-21-63	239	13
	01-29-27	--	13	04-23-42	--	13	04-22-64	238	13
	04-07-27	--	14	04-20-48	--	14	09-10-64	240	13
	09-01-27	--	12	08-26-48	--	16	04-13-65	236	13
	11-02-27	--	13	08-25-49	--	23	08-24-65	242	13
	04-29-28	--	17	08-28-50	--	14	04-21-66	237	14
03-21-29 10-16-29 01-24-30 04-23-30	08-14-28	--	13	03-28-51	--	13	09-12-66	252	12
	12-13-28	--	14	08-21-51	--	16	09-06-67	245	13
	03-21-29	--	15	04-29-52	--	14	03-27-68	238	14
	06-20-29	--	13	09-05-52	--	12	08-29-68	236	13
	10-16-29	--	16	04-01-53	--	13	02-27-69	237	12
	01-24-30	--	13	09-01-53	--	14	07-22-69	239	13
	04-23-30	--	13	04-07-54	--	12	03-05-70	236	12
	04-22-31	--	14	09-07-54	--	12	03-15-72	229	14
	07-09-31	--	14	03-31-55	--	14	09-28-72	234	6.9
	09-16-31	--	13	09-01-55	--	13	09-05-73	--	12
04-25-33 07-19-33 01-19-34 05-24-34 09-10-34	01-15-32	--	15	08-29-56	--	14	04-05-74	267	21
	04-19-32	--	13	04-10-57	--	13	08-30-74	242	13
	04-25-33	--	15	04-02-58	--	16	01-10-75	254	16
	07-19-33	--	16	09-04-58	--	13	08-06-76	249	13
	01-19-34	--	16	04-09-59	--	13	09-01-77	263	14
03-21-35 09-28-35 04-07-38 04-11-38	05-24-34	--	16	09-03-59	--	14	08-28-79	237	11
	09-10-34	--	13	04-05-60	--	13	08-26-80	232	12
	03-21-35	--	12	08-24-60	--	13	08-19-81	262	11
	09-28-35	--	16	04-13-61	--	13	10-13-83	235	11
	04-07-38	--	14	08-22-61	234	14			
	04-11-38	--	14	04-11-62	241	13			

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)
CAPE MAY COUNTY--Continued									
090132 122KRKDL	09-01-55	--	30	07-16-63	344	30	03-15-72	326	27
	04-04-56	--	26	08-21-63	334	28	09-28-72	300	14
	08-29-56	--	29	04-22-64	339	28	08-30-74	341	30
	04-10-57	--	27	09-10-64	436	54	01-09-75	314	27
	08-27-57	--	46	04-13-65	333	25	05-20-75	355	29
	04-02-58	--	28	04-21-66	625	130	08-06-76	354	30
	09-04-58	--	30	09-12-66	358	30	09-01-77	359	31
	04-09-59	--	28	05-12-67	323	28	08-17-78	310	30
	09-03-59	--	34	09-06-67	337	28	08-29-79	337	30
	04-05-60	--	26	03-28-68	331	28	08-22-80	332	31
090135 122KRKDL	08-24-60	--	33	08-29-68	339	29	08-19-81	341	31
	04-12-61	--	28	02-27-69	324	26	09-15-82	380	46
	08-22-61	1,020	230	07-22-69	332	28	10-13-83	350	32
	04-11-62	290	18	03-06-70	328	26			
	09-11-62	299	18	11-02-70	314	30			
090136 122KRKDL	08-28-50	--	18	09-01-54	--	17	09-05-73	288	18
	03-28-51	--	18	03-31-55	--	20	04-05-74	262	20
	08-21-51	--	18	09-01-55	--	19	08-30-74	297	19
	04-29-52	--	18	04-04-56	--	19	01-09-75	276	18
	09-04-52	--	18	08-29-56	--	19	05-20-75	307	20
090166 122KRKDL	04-01-53	--	16	04-10-57	--	18	10-13-83	315	22
	09-01-53	--	19	08-27-57	--	17			
	04-07-54	--	17	09-28-72	335	12			
	08-22-61	242	16	09-06-67	251	15	08-30-74	224	14
	04-11-62	235	17	03-27-68	221	14	01-10-75	212	13
	09-11-62	225	14	02-27-69	216	13	05-20-75	237	13
	04-22-64	232	16	07-22-69	220	14	08-06-76	229	14
	09-10-64	224	14	03-05-70	229	13	09-01-77	237	14
	04-13-65	225	14	11-02-70	211	16	08-16-78	218	13
	08-24-65	227	14	03-15-72	213	14	08-19-81	205	11
	04-21-66	217	14	09-27-72	217	6.8	10-13-83	217	12
	09-12-66	222	15	05-24-73	214	13			
	05-11-67	248	21	04-05-74	215	14			
090166 122KRKDL	08-06-76	285	16	08-19-81	302	13	10-13-83	272	14

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spec- ific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spec- ific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spec- ific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)
OCEAN COUNTY									
290D04 124PNPN	03-30-56	--	1.6	09-14-62	349	2.2	D8-12-71	360	3.5
	08-28-56	--	3.6	04-17-63	339	1.5	03-15-72	337	3.4
	04-15-57	--	3.4	04-15-64	347	2	07-27-72	364	3.1
	D8-27-57	--	1.8	09-11-64	323	2	05-31-73	356	2.1
	04-03-58	--	3.2	04-01-65	344	2	09-13-73	355	1.6
	08-25-58	--	2	08-26-65	347	2	05-01-74	358	2.8
	04-06-59	--	2	04-18-66	346	1.5	08-27-74	350	2.4
	08-31-59	--	2	09-01-67	353	2.5	05-21-75	375	5.7
	04-06-60	--	1.9	03-27-68	346	2.5	09-01-76	360	2.4
	08-30-60	--	1.5	08-30-68	333	2	07-12-77	336	2.6
290009 122KRKDL	04-07-61	--	2	02-27-69	341	2	07-25-78	351	1.5
	08-28-61	337	1.8	08-11-69	358	3	08-14-79	372	2.7
	04-05-62	331	2.3	03-05-70	344	3.5	08-15-80	342	1.6
	08-27-57	--	3.1	08-15-63	60	3.4	03-05-70	63	6
	04-03-58	--	3.9	04-15-64	61	4	08-09-71	123	7.2
	08-25-58	--	3.6	09-11-64	60	3	03-15-72	79	9.6
	04-06-59	--	3.6	04-01-65	60	3	07-27-72	58	4.7
	08-31-59	--	3.5	08-26-65	109	16	05-31-73	58	4.5
	04-06-60	--	3.4	04-18-66	74	5.5	08-27-74	65	6
	08-30-60	--	3.2	08-31-66	63	5	08-31-76	64	4.5
290012 122KRKDL	04-07-61	--	3.6	05-25-67	72	4.5	07-12-77	61	5.9
	08-28-61	64	2.9	09-01-67	69	5.5	07-25-78	66	3.6
	04-04-62	58	3.4	03-27-68	63	4.2	09-24-82	69	3.5
	09-14-62	67	4.6	08-30-68	61	3.4			
	04-17-63	64	3.3	08-14-69	60	7			
	03-05-70	60	5	08-27-74	62	5.2	08-31-76	65	4.7
	05-01-74	67	4.3	05-21-75	83	10	08-14-79	65	3.4
	08-11-69	68	6	08-27-74	68	4.2	09-24-82	72	2.9
	08-12-71	67	4.8	08-14-79	67	2.7			
	07-27-72	68	4.7	08-15-80	68	2.8			
290112 122KRKDL	04-15-57	--	2.8	04-17-63	104	7.9	08-11-69	115	6
	08-27-57	--	3	08-15-63	86	7	08-12-71	83	7.8
	04-09-58	--	3.1	04-15-64	87	7	03-15-72	87	6.8
	08-25-58	--	2.9	09-11-64	86	6	07-27-72	77	8.7
	04-06-59	--	4.4	04-01-65	88	6	05-31-73	84	7.7
	08-31-59	--	12	08-26-65	86	6.5	05-01-74	88	7.2
	04-06-60	--	18	04-18-66	85	6.5	08-27-74	81	6.2
	08-30-60	--	17	08-31-66	84	6	09-01-76	83	6
	04-07-61	--	18	09-01-67	85	6	07-25-78	82	4.2
	08-28-61	136	12	03-27-68	83	6.4			
290457 122KRKDL	09-14-62	96	8.9	02-27-69	85	8			
	07-27-72	52	5	05-21-75	53	6.5			
290459 122KRKDL	08-30-49	--	3.8	04-03-58	--	3.4	04-18-66	55	3
	04-10-50	--	3.5	08-25-58	--	3.4	08-31-66	67	5
	08-30-50	--	3.5	04-06-59	--	3.9	09-01-67	56	3.5
	03-30-51	--	3.8	08-31-59	--	3.5	03-27-68	54	3.8
	08-28-51	--	3.8	04-06-60	--	3.5	08-30-68	63	3.8
	04-30-52	--	3.5	08-30-60	--	3.5	08-14-69	50	8
	09-18-52	--	4	04-07-61	--	3.5	03-04-70	57	5.8
	03-25-53	--	3.1	08-28-61	61	3.8	03-15-72	55	5.2
	08-26-53	--	3.1	04-05-62	50	3.9	07-27-72	50	4.7
	04-20-54	--	.4	04-17-63	56	3.2	09-13-73	49	2.9

Table 7.--Specific conductance and chloride in water from wells with multiple analyses in Atlantic County and vicinity--Continued

USGS well number and aquifer code	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)	Date of sample	Spe- cific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlor- ide, dis- solved (mg/L as Cl)
OCEAN COUNTY--Continued									
290459 122KRKDL (Continued)	08-29-55	--	3	04-15-64	52	4	05-01-74	67	4.5
	08-28-56	--	3.8	09-11-64	52	3	08-31-76	55	4.3
	04-15-57	--	3.8	04-01-65	52	3	08-14-80	55	3.2
	08-27-57	--	4	08-26-65	67	3			
290460 122KRKDL	08-28-56	--	4	04-05-62	51	3.8	03-27-68	51	4
	04-15-57	--	4.3	09-14-62	65	5.1	08-30-68	54	3.8
	08-27-57	--	4.6	04-17-63	61	3.3	08-14-69	58	5
	04-09-58	--	3	04-15-64	52	3	03-04-70	57	6.5
	08-25-58	--	3.6	09-11-64	51	4.5	03-15-72	60	6
	04-06-59	--	4.2	04-01-65	54	4	09-13-73	50	3
	08-31-59	--	3.7	08-26-65	52	4	05-01-74	64	4.4
	04-06-60	--	3.4	04-18-66	58	4	08-27-74	53	4.9
	08-30-60	--	3.1	08-31-66	53	4	08-31-76	55	4.5
	04-07-61	--	4	05-25-67	77	3	08-14-80	56	3.5
	08-28-61	64	4.8	09-01-67	52	3.5			
290544 122KRKDL	08-26-53	--	8.4	04-15-57	--	6.2	09-13-73	55	3
	04-20-54	--	6.5	08-30-60	--	2.3	05-01-74	73	4.7
	09-01-54	--	4.7	08-15-69	56	9	08-27-74	55	4.8
	04-07-55	--	4.5	03-04-70	58	5	09-01-76	58	4.1
	08-29-55	--	3.2	08-12-71	56	6.8	08-14-79	59	3.2
	03-30-56	--	6.4	07-27-72	54	4.9	08-14-80	59	3.1
	08-28-56	--	4.6	05-31-73	54	6.3	09-24-82	61	3.3
	07-12-77	57	4.5	07-25-78	62	3	09-29-83	225	49
	08-09-71	42	3.6	09-13-73	43	3.3	09-14-76	44	4.5
	07-28-72	43	2.9	04-30-74	51	4.4	08-19-80	49	3.4
290557 122KRKDL	05-31-73	43	2.7	08-27-74	47	5.4			
	04-28-48	130	24	09-11-64	59	4.5	09-13-73	54	2.6
	08-28-51	57	9	08-14-69	55	4	08-27-74	56	4.7
	08-28-61	68	3.4	03-04-70	56	5.8	09-01-76	58	3.9
	04-04-62	55	3.6	08-12-71	54	4.4	09-24-82	60	3.2
	09-14-62	57	4.1	03-17-72	58	4.3	03-05-85	59	3.5
	04-15-64	51	4	07-27-72	54	4.1			
290560 122KRKDL	04-01-65	60	3	02-27-69	56	3	08-27-74	57	4.2
	04-18-66	61	3.5	08-14-69	57	9	08-14-79	61	3.2
	08-31-66	57	3	03-04-70	58	5.5	08-14-80	59	3.2
	09-01-67	60	4	07-27-72	56	4.4	09-24-82	63	3.3
	03-27-68	60	3.8	05-01-74	45	6			
290561 122KRKDL	07-27-72	57	4.6	09-13-73	59	3	09-01-76	63	4.4
	05-31-73	59	4.7	08-27-74	60	4.1			
290565 122KRKDL	09-14-76	55	4.5	08-21-79	59	2.9			

Table 8.--Specific conductance and chloride in water from wells with one analysis in Atlantic County

[USGS, U.S. Geological Survey; Aquifer code: 121CKKD, Kirkwood-Cohansey aquifer system;
 $\mu\text{S}/\text{cm}$, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter]

USGS well number	Aquifer code	Date of sample	Spec- ific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlo- ride, dis- solved (mg/L as Cl)	USGS well number	Aquifer code	Date of sample	Spec- ific conduc- tance ($\mu\text{S}/\text{cm}$)	Chlo- ride, dis- solved (mg/L as Cl)
010268	121CKKD	11-06-69	60	4.5	010462	121CKKD	11-28-56	28	4
010394	121CKKD	08-25-56	45	2.5	010463	121CKKD	11-28-56	32	4.4
010395	121CKKD	08-25-56	41	2.5	010464	121CKKD	11-21-56	74	5.4
010397	121CKKD	08-25-56	45	2.6	010465	121CKKD	11-21-56	28	3.8
010399	121CKKD	08-25-56	44	3.2	010467	121CKKD	10-10-56	32	6
010400	121CKKD	08-25-56	49	3.5	010468	121CKKD	10-10-56	22	3.3
010401	121CKKD	08-25-56	44	2.8	010469	121CKKD	10-10-56	24	2.4
010405	121CKKD	08-18-56	42	2.9	010471	121CKKD	10-19-56	30	4.9
010406	121CKKD	08-25-56	53	3.8	010472	121CKKD	10-19-56	36	4.2
010408	121CKKD	08-25-56	43	3.2	010481	121CKKD	11-30-56	23	3
010412	121CKKD	08-18-56	44	2.9	010485	121CKKD	10-16-56	48	6.1
010413	121CKKD	08-18-56	56	6.2	010486	121CKKD	10-16-56	23	6.7
010423	121CKKD	08-24-56	21	2.7	010487	121CKKD	10-16-56	27	4
010425	121CKKD	10-26-56	27	7.9	010494	121CKKD	06-21-57	23	4
010426	121CKKD	10-26-56	24	3.3	010501	121CKKD	10-16-56	48	4.4
010427	121CKKD	10-25-56	41	4.8	010502	121CKKD	11-05-56	24	4.8
010428	121CKKD	10-25-56	31	5.6	010507	121CKKD	10-03-56	20	3.6
010429	121CKKD	10-25-56	25	2.7	010510	121CKKD	10-08-56	25	3.5
010430	121CKKD	07-08-57	32	6	010511	121CKKD	10-05-56	24	2.8
010431	121CKKD	07-08-57	22	4	010519	121CKKD	10-29-56	35	6.2
010432	121CKKD	07-08-57	21	5	010520	121CKKD	10-29-56	38	3.6
010434	121CKKD	10-17-56	51	4.4	010528	121CKKD	11-02-56	40	6.6
010435	121CKKD	10-17-56	24	3.1	010529	121CKKD	11-02-56	27	4.3
010436	121CKKD	10-17-56	30	3.1	010530	121CKKD	11-02-56	22	3.3
010438	121CKKD	10-15-56	33	5.1	010532	121CKKD	11-07-56	28	4
010439	121CKKD	10-15-56	24	2.9	010533	121CKKD	11-07-56	25	3.4
010440	121CKKD	11-27-56	40	6.4	010695	121CKKD	10-17-83	33	5.6
010441	121CKKD	11-27-56	45	7.2					
010442	121CKKD	11-27-56	28	3.3					
010443	121CKKD	08-11-56	45	6					
010444	121CKKD	10-11-56	27	5					
010445	121CKKD	10-11-56	25	3.1					
010452	121CKKD	11-26-56	38	5.6					
010453	121CKKD	11-26-56	31	5.9					
010454	121CKKD	11-26-56	26	3.4					

Table 9.--Volatile organic compounds in concentrations greater than the detection limit in water from wells in Atlantic County and vicinity

[USGS, U.S. Geological Survey; Aquifer codes: 121CKKD, Kirkwood-Cohansey aquifer system; 122KRKDL, Atlantic City 800-foot sand of the Kirkwood Formation; --, data unavailable; see table 2 for complete list of volatile organic compounds; µg/L, micrograms per liter; <, less than]

USGS well number	Aquifer code	Date of sample	Benzene total (µg/L)	Chloro-benzene total (µg/L)	Chloro-ethane total (µg/L)	Chloro-form total (µg/L)	Di-chloro-fluoro-methane	Ethyl-benzene total (µg/L)	Methyl-chloride total (µg/L)	Tetra-chloro-ethylene total (µg/L)
ATLANTIC COUNTY										
010742	121CKKD	11-20-85	4.6	1.1	<0.2	1.5	2.4	26	1.7	0.9
010746	121CKKD	12-19-85	3.2	3.0	<3.0	<3.0	<3.0	40	<3.0	3.0
010751	121CKKD	02-26-86	<3.0	<3.0	4.6	<3.0	22	5.0	3.0	<3.0
010752	121CKKD	12-19-85	13	<.2	<.2	<.2	<.2	<.2	<.2	<.3
010756	121CKKD	12-05-85	22	4.7	<3.0	<3.0	3.5	34	<3.0	<3.0
010759	121CKKD	11-21-85	4.2	6.5	<3.0	<3.0	12	<3.0	<3.0	<3.0
010761	121CKKD	12-05-85	3.8	4.7	<3.0	<3.0	<3.0	3.0	<3.0	<3.0
010764	121CKKD	02-26-86	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	121CKKD	05-20-86	<3.0	<3.0	<3.0	3.7	<3.0	<3.0	<3.0	<3.0
CAPE MAY COUNTY										
090185	122KRKDL	02-21-86	18	<3.0	<3.0	<3.0	<3.0	150	<3.0	<3.0
OCEAN COUNTY										
290549	122KRKDL	08-14-84	<3.0	<3.0	--	<3.0	<3.0	<3.0	<3.0	14
ATLANTIC COUNTY										
010742	121CKKD	11-20-85	0.3	1.4	1.0	<0.2	<0.2	15	<0.2	
010746	121CKKD	12-19-85	<3.0	10.0	<3.0	8.8	<3.0	17	<3.0	
010751	121CKKD	02-26-86	460	3.0	8.0	<3.0	15	<3.0	<3.0	
010752	121CKKD	12-19-85	<.2	<.2	<.2	1.1	<.2	<.2	<.2	
010756	121CKKD	12-05-85	3.6	<3.0	<3.0	53	<3.0	<3.0	<3.0	
010759	121CKKD	11-21-85	<3.0	<3.0	<3.0	22	<3.0	<3.0	<3.0	
010761	121CKKD	12-05-85	<3.0	<3.0	<3.0	16	<3.0	<3.0	<3.0	
010764	121CKKD	02-26-86	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
	121CKKD	05-20-86	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
CAPE MAY COUNTY										
090185	122KRKDL	02-21-86	460	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	
OCEAN COUNTY										
290549	122KRKDL	08-14-84	<3.0	<3.0	<3.0	--	<3.0	<3.0	<3.0	

Table 10.--Water samples from wells in Atlantic County and vicinity that have no detectable volatile organic compounds or pesticides

[USGS, U.S. Geological Survey; Aquifer codes: 121CKKD, Kirkwood-Cohansey aquifer; 122KRKDL, Atlantic City 800-foot sand of the Kirkwood Formation; see table 2 for complete listing of volatile organic compounds and pesticides]

SAMPLES ANALYZED FOR VOLATILE ORGANIC COMPOUNDS

USGS well number	Aquifer code	Date of sample	USGS well number	Aquifer code	Date of sample
ATLANTIC COUNTY					
010039	122KRKDL	08-21-84	010367	122KRKDL	08-24-84
010040	122KRKDL	08-21-84	010372	122KRKDL	08-23-84
010041	122KRKDL	08-21-84	010376	122KRKDL	08-21-84
010116	122KRKDL	08-22-84	010568	122KRKDL	08-24-84
010117	122KRKDL	08-22-84	010598	122KRKDL	08-23-84
010121	122KRKDL	08-24-84	010600	122KRKDL	08-23-84
010154	121CKKD	10-03-85	010601	121CKKD	10-03-85
010185	121CKKD	09-17-85	010648	122KRKDL	08-22-84
010290	121CKKD	10-01-85	010682	122KRKDL	08-22-84
CAPE MAY COUNTY					
090002	122KRKDL	08-29-84	090126	122KRKDL	08-28-84
090004	122KRKDL	08-29-84	090127	122KRKDL	08-28-84
090008	122KRKDL	08-29-84	090129	122KRKDL	08-28-84
090106	122KRKDL	08-30-84	090132	122KRKDL	08-29-84
090108	122KRKDL	08-30-84	090135	122KRKDL	08-29-84
090109	122KRKDL	08-30-84	090136	122KRKDL	08-31-84
090110	122KRKDL	08-30-84	090148	122KRKDL	08-28-84
090116	122KRKDL	08-30-84	090161	122KRKDL	08-30-84
090124	122KRKDL	08-30-84	090173	122KRKDL	08-29-84
OCEAN COUNTY					
290009	122KRKDL	08-16-84	290462	122KRKDL	08-17-84
290012	122KRKDL	08-15-84	290464	122KRKDL	08-10-84
290111	122KRKDL	08-14-84	290544	122KRKDL	08-14-84
290112	122KRKDL	08-14-84	290560	122KRKDL	08-13-84
290457	122KRKDL	08-15-84	290561	122KRKDL	08-13-84
290459	122KRKDL	08-15-84	290597	122KRKDL	08-17-84
290460	122KRKDL	08-15-84			

Table 10.--Water samples from wells in Atlantic County and vicinity that have no detectable volatile organic compounds or pesticides--Continued

SAMPLES ANALYZED FOR PESTICIDES

USGS well number	Aquifer code	Date of sample	USGS well number	Aquifer code	Date of sample
ATLANTIC COUNTY					
010074	121CKKD	10-16-85	010378	121CKKD	09-05-85
010290	121CKKD	10-01-85	010611	121CKKD	09-26-85
010325	121CKKD	02-05-86	010639	121CKKD	11-01-85

Table 11.--Index of geophysical logs

[USGS, U.S. Geological Survey; type of log: C, caliper; D, bulk density (gamma-gamma); FC, fluid-conductivity; G, gamma-ray; L, 6-foot-lateral-resistivity; N, neutron; R, single-point-resistance; S, sonic; SL, short- and long-normal-resistivity; SP, spontaneous-potential; T, fluid-temperature. These logs are available for inspection at the U.S. Geological Survey, West Trenton, New Jersey]

USGS well number	Logged depth (feet)	Type of geo- physical log available	USGS well number	Logged depth (feet)	Type of geo- physical log available
ATLANTIC COUNTY					
010015	800	C,FC,G,R,SP	010533	95	G
010021	662	R,SP	010536	96	G
010022	820	C,FC,G	010566	558	FC,G,T
010037	757	C,FC,G,N,R,S,SP,T	010578	996	D,G,R,SL,SP,T
010039	840	G,R,SP	010581	94	G
010114	199	R,SP	010584	149	G
010116	429	G,R	010586	94	G
010117	507	R,SP	010587	84	G
010151	228	G	010591	142	G
010180	960	G,R,SP,T	010605	294	G,R,SP
010219	378	G,R,SP	010648	880	FC,G,R,SP,T
010227	371	R,SP	010649	1,049	C,D,G,N,SL,SP,T
010250	189	R,SP	010650	380	G
010251	186	R,SP	010680	819	C,FC,G,T
010256	238	G	010700	924	C,D,G,L,N,R,S,SL,SP
010280	304	G	010701	553	FC,G,R,SP,T
010349	214	G,R,SP	010702	839	C,G,R,SP
010351	123	G,R,SP	010703	594	C,G,R,SP,T
010366	716	C,FC,G,T	010704	674	C,G,R,SP
010369	840	R,SP	010705	537	G,R,SP
010385	110	G	010706	666	G,R,SP
010386	87	G,R,SP	010710	1,089	C,D,G,N,
010387	134	G,R,SP			R,SL,SP,T
010432	94	G	010711	990	C,D,FC,G,N,
010451	95	G			R,SL,SP,T
010469	93	G	010713	570	G,R,SP
010489	122	G	010715	598	G,SP
010496	220	G,R,SP	010716	543	C,G,R,SL,SP
010511	82	G	010717	336	G,R,SP
010530	92	G	010834	1,053	G,R,SP

Table 11.--Index of geophysical logs--Continued

USGS well number	Logged depth (feet)	Type of geo- physical log available	USGS well number	Logged depth (feet)	Type of geo- physical log available
CAPE MAY COUNTY					
090110	871	R, SP	090148	716	G, R, SP
090126	858	R, SP	090161	654	G
090127	898	G, R, SP	090166	898	G, R, SP
090132	966	R, SP			
OCEAN COUNTY					
290004	662	R, SP	290560	546	G
290009	651	FC, G, R, SP, T	290561	610	G, R, SP, T
290457	700	R, SP	290565	568	R, SP
290462	610	R, SP	290597	404	G, R, SP
290464	654	R, SP	290812	609	C, G, R, SP